

**Self-Implementing
On-Site Cleanup and Disposal Plan
for PCB Containing Materials**
Central High School
Bridgeport, Connecticut

Silver Petrucelli & Associates
Hamden, Connecticut

October 2013



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FUSS & O'NEILL
EnviroScience, LLC

October 16, 2013

Ms. Kimberly Tisa
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U.S. Environmental Protection Agency
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**RE: Self-Implementing On-Site Cleanup and Disposal
PCB Containing Materials
Central High School, Bridgeport, Connecticut**
Fuss & O'Neill Project No. 20111165.A2E

Dear Ms. Tisa:

We are submitting this Self-Implementing On-Site Cleanup and Disposal Plan (SIP) for removal of polychlorinated biphenyls (PCBs) containing materials at the above referenced site. This SIP plan has been prepared in accordance with the requirements of 40 CFR Part 761.61 (a)(3).

Thank you for your attention to this matter and if you have any questions with regard to the plan please contact either of the undersigned at (203) 374-3748.

Sincerely,

Kevin McCarthy
Project Manager

KM/kr

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Enclosure: Self-Implementing Cleanup and Disposal Plan

cc: John Ireland, Silver Petrucelli & Associates
Robert Hedman, City of Bridgeport
Gary Trombly, State of Connecticut Department of Energy and Environmental Protection

Table of Contents

Self-Implementing On-Site Cleanup and Disposal Plan for PCB Containing Materials Central High School

1	Introduction	1
1.1	Background	1
1.1.1	Building Construction	1
1.1.2	Renovation Project	1
1.2	Project Objectives.....	2
1.3	Plan Organization.....	3
2	Site Characterization	3
2.1	Sample Collection and Analysis	4
2.1.1	Source Material Sampling.....	4
2.1.2	Adjacent Surface Sampling.....	5
2.2	Sample Analysis Results	7
2.2.1	Source Material Sample Analysis Results	7
2.2.1.1	<i>PCB Bulk Product</i>	<i>7</i>
2.2.1.2	<i><50 PPM PCB Containing Materials</i>	<i>9</i>
2.2.2	Adjacent Surface Material Sample Analysis Results.....	11
2.2.2.1	<i>Adjacent Porous Exterior Concrete</i>	<i>11</i>
2.2.2.2	<i>Adjacent Porous Exterior Brick</i>	<i>12</i>
2.2.2.3	<i>Adjacent Porous Interior Block</i>	<i>13</i>
2.2.3	Adjacent Ground Surfaces Analysis Results	13
2.2.3.1	<i>Adjacent Porous Soil.....</i>	<i>13</i>
3	Remediation Plan.....	41
3.1	Site Preparation and Controls.....	43
3.1.1	General.....	43
3.1.2	PCB Bulk Product.....	43
3.1.3	<50 PPM PCB Containing Materials.....	44
3.1.3.1	<i>Exterior Materials.....</i>	<i>44</i>
3.1.3.2	<i>Interior Materials.....</i>	<i>45</i>
3.2	Removal Procedures.....	45
3.2.1	PCB Bulk Product Waste Materials	46
3.2.2	PCB Remediation Waste –Soil.....	46
3.2.3	<50 PPM PCB Containing Materials.....	47
3.3	Encapsulation Procedures	48
3.4	Post-Cleaning Verification Sampling Plan	48
3.4.1	Visual Inspection.....	48
3.4.2	Porous Exterior Brick Surfaces.....	48
3.4.3	Soil.....	49
3.4.4	Encapsulated Surfaces.....	50



Table of Contents

Self-Implementing On-Site Cleanup and Disposal Plan for PCB Containing Materials Central High School

4 **Schedule and Plan Certification..... 50**

Figures

End of Report

1-1 – 1-11	Site Plan
2-1 – 2-11	PCB Source Sampling Plan
3-1 – 3-11	PCB Adjacent Surface Sampling Plan
4-1 – 4-6	PCB Adjacent Ground Surface Sampling Plan
5-1 – 5-11	PCB Remediation Plan

Appendices

Appendix A	Laboratory Analysis and Chain of Custody Source Materials - Bulk
Appendix B	Laboratory Analysis and Chain of Custody Adjacent Porous Surfaces - Bulk
Appendix C	Technical Specification Section



1 Introduction

This plan has been prepared by Fuss & O'Neill EnviroScience, LLC (EnviroScience) on behalf of the City of Bridgeport, Robert Hedman, School Construction Department, City of Bridgeport, City Hall, 999 Broad Street, Bridgeport, CT 06604, (203) 576-7217, robert.hedman@bridgeportct.gov and Silver Petrucelli & Associates Architects. The plan has been prepared to comply with the U.S. Environmental Protection Agency (USEPA) requirements for a Self-Implementing On-Site Clean-Up and Disposal Plan (SIP) in accordance with 40 CFR Part 761.61(a)(3).

Exterior expansion caulking compounds associated with the brick veneer and exterior concrete column/rooftop coping stone caulking compounds associated with structural concrete columns and rooftop coping stone overhangs throughout the existing building have been determined to contain polychlorinated biphenyls (PCBs) above regulated concentrations at Central High School, One Lincoln Boulevard, Bridgeport, Connecticut.

1.1 Background

1.1.1 Building Construction

The existing Central High School was constructed in 1963 and consists of a two story building. The building consists of classrooms, a cafeteria, kitchen, gymnasium, auditorium, and support spaces. The building is constructed of structural concrete walls, floors, and ceilings. The exterior of the building is a mixture of brick veneer and structural concrete.

A Site Plan of the existing building layout is included as *Figure 1-1* through *Figure 1-11*.

1.1.2 Renovation Project

The existing Central High School is scheduled for a complete renovation in 2014 and 2015.

Based on the scope of renovations, the following materials are scheduled to be removed and disposed of as PCB Bulk Product:

- Approximately 160 linear feet exterior expansion Caulking compounds – grey colored

Based on the scope of renovations, the following material is scheduled to be removed and disposed of as PCB Bulk Product and the contaminated structural concrete encapsulated:

- Approximately 18,000 linear feet of exterior concrete column/rooftop coping stone caulking compounds – white colored

Based on the scope of renovations, the following material is scheduled to be removed and disposed of as PCB Remediation Waste and the contaminated structural concrete encapsulated:

- Approximately 700 cubic yards of contaminated soils and/or concrete

Based on the scope of renovations, the following material is scheduled to be removed and disposed of as <50 PPM PCB Containing Waste:

- Approximately 1,000 linear feet of exterior vent caulking compounds – grey colored
- Approximately 200 linear feet of exterior door caulking compounds associated with single door systems – grey colored
- Approximately 500 linear feet interior window caulking compounds associated with single window systems – grey colored
- Approximately 1,500 linear feet of interior window glazing compounds associated with single window systems – white colored
- Approximately 3,000 linear feet interior and exterior door/window caulking compounds associated with stair tower door/window systems – grey colored
- Approximately 5,000 linear feet of interior and exterior window glazing compounds associated with stair tower door/window systems – white colored
- Approximately 20,000 square feet of ceiling tiles – 1x1 ceiling tile type I and 2x4 ceiling tile replacement type III
- Approximately 190,000 square feet of black flooring mastic
- Approximately 10,000 square feet of cove base glue – brown, yellow, and white colored

1.2 Project Objectives

This Self-Implementing On-Site Clean-Up and Disposal Plan is for the removal of PCB containing materials with equal to or greater than 50 parts per million (ppm) PCBs as PCB Bulk Product Waste. The PCB Bulk Product Waste consists of exterior expansion caulking compounds and exterior concrete column/rooftop coping stone caulking compounds.

Following removal of the exterior expansion caulking compounds, post cleaning verification sampling shall be performed in accordance with Sub-Part O. Following removal of the exterior concrete column/rooftop coping stone caulking compounds, the exterior concrete column/rooftop coping stone caulking compound joint in their entirety and six inches on each side of the column caulking compound joint will be encapsulated with two coats of Sikagard 62 and/or Armstrong Rexthane and applied in accordance with the manufacturer's recommendations. This encapsulation is necessary due to the structural integrity of the concrete columns. Once encapsulation is complete, verification sampling of the encapsulated surface shall be conducted in accordance with a modified approach to Sub-Part P.

Additionally this Self-Implementing On-Site Clean-Up and Disposal Plan includes the removal of adjacent ground surface materials as PCB Remediation Waste including PCB contaminated soil in accordance with 40 CFR 761.61 (a). Soil shall be removed as PCB Remediation Waste to meet the unrestricted use clean-up standard of PCB ≤ 1 ppm for a high occupancy use structure as verified in accordance with Sub-Part O.

Finally, this Self-Implementing On-Site Clean-Up and Disposal Plan includes information regarding knowledge of renovation history and verification of adjacent porous materials to identify potentially

“Excluded PCB Products”. Materials containing <50 ppm PCBS shall be removed as part of the renovations to meet requirements of the State of Connecticut Department of Energy and Environmental Protection (CTDEEP).

1.3 Plan Organization

This Self-Implementing On-Site Clean-Up and Disposal Plan is organized into the following sections:

Section 2: Site Characterization

The site characterization section provides a summary of the sampling performed to delineate the nature and extent of PCB as required in accordance with 40 CFR Part 761.61 (a)(3) (A-C). The section includes the nature of the contamination including kinds of materials; a summary of the procedures used to sample contaminated and adjacent surfaces; and the location and extent of the identified contaminated areas.

Section 3: Remediation Plan

The remediation plan includes a discussion of how the remedial objectives identified in Section 1.2 shall be met and the remediation approach, cleanup levels to be met and the verification sampling approach to be utilized. This section includes diagrams depicting the areas of proposed remediation work and location for post-remediation verification sampling. The remediation plan is submitted in accordance with 40 CFR Part 761.61 (a)(3)(D).

Section 4: Schedule and Certification

The proposed schedule for implementation and reporting schedule is provided. This section includes the written certification signed by the Owner of the property and other responsible parties responsible for the remediation, cleanup and disposal in accordance with 40 CFR Part 761.61 (a)(3)(E).

2 Site Characterization

This section provides a summary of the sampling performed to delineate the nature and extent of PCB as required in accordance with 40 CFR Part 761.61 (a)(3) (A-C). The section includes the nature of the contamination including kinds of materials; a summary of the procedures used to sample contaminated and adjacent surfaces; and the location and extent of the identified contaminated areas.

The following sections describe the selection of sample locations, sample collection methods, and the results of the characterization data. Sampling was performed in two distinct phases.

The initial site characterization of source materials (building products) such as caulking and glazing compounds (Phase 1) as well as testing of adjacent surfaces to facilitate development of this Self-Implementing On-Site Cleanup and Disposal Plan (Phase 2) was performed by Fuss & O'Neill EnviroScience, LLC of Trumbull, Connecticut.

Figures depicting the locations of all samples collected by Fuss & O'Neill EnviroScience are included in *Figure 2-1 – 2-11, 3-1 – 3-11, and 4-1 – 4-6.*

2.1 Sample Collection and Analysis

2.1.1 Source Material Sampling

Testing of source materials was conducted by Fuss & O'Neill EnviroScience representatives, Kevin McCarthy, James Blum, and John Hobbins. The sampling was performed on April 2, 2012, April 3, 2013, March 28, 2013, and September 5, 2013.

Bulk Sampling – Source Materials

Sampling involved removal of bulk product materials (source materials) using hand tools to submit in bulk form to determine PCB content. Tools utilized to collect samples were decontaminated between sampling using a hexane wash series consisting of tap water, soapy water, distilled water, hexane, and distilled water. Each sample was placed in containers, labeled, and delivered to laboratory using proper chain of custody. Samples were analyzed at Phoenix Environmental Laboratories, Inc. of Manchester, Connecticut. The analytical method for analysis included extraction method 3540C and analysis method SW846 8082.

Representative samples of each of the following building products were collected for analysis of PCBs:

- Exterior Expansion Caulking Compounds – Grey Colored
- Exterior concrete column/rooftop coping stone caulking Compounds – White Colored
- Exterior Vent Caulking Compounds – Grey Colored
- Exterior Door Caulking Compounds associated with Single Door Systems – Grey Colored
- Interior Window Glazing Compounds associated with Single Window Systems – White Colored
- Interior Window Caulking Compounds associated with Single Window Systems – Grey Colored
- Exterior Window Glazing Compounds associated with Single Window Systems – White Colored
- Exterior Window Caulking Compounds associated with Single Window Systems – Grey Colored
- Exterior Window Glazing Compounds – Replacement Types I, II, and II associated with the Stair Tower Door/Window Systems
- Exterior Window Glazing Compounds associated with the Stair Tower Door/Window Systems – White Colored
- Exterior Door/Window Caulking Compounds associated with Stair Tower Door/Window Systems – Grey Colored
- Exterior Door/Window Caulking Compounds – Replacement Type I associated with Stair Tower Door/Window Systems – Grey Colored
- Interior Window Glazing Compounds associated with Stair Tower Door/Window Systems – White Colored
- Interior Door/Window Caulking Compounds associated with Stair Tower Door/Window Systems – Grey Colored
- 2x4 Ceiling Tiles – Types I and II Pinhole and Type I Common
- 1x1 Ceiling Tiles – Type I and II Common and Type I and II Replacement

- 2x4 Ceiling Tiles – Sheetrock Type
- 2x2 Ceiling Tiles – Smooth Type
- 2x4 Ceiling Tiles – Replacement Type I, II, and III
- Black Flooring Mastic
- Cove Glue – Brown, Yellow, and White Colored

The sample numbers, locations, material description, and analysis results are included in *Table 2.1*. Refer to *Figure 2-1 – 2-11* identifying the locations of collected samples.

2.1.2 Adjacent Surface Sampling

Sampling of adjacent surfaces was conducted by Fuss & O'Neill EnviroScience representatives, John Hobbins, James Blum, and Kevin McCarthy, on February 6, 2013, February 20, 2013, May 2, 2013, and June 24, 2013. All samples collected were transmitted to Phoenix Environmental Laboratories, Inc. of Manchester, Connecticut. The analytical method for analysis included extraction method 3540C and analysis method SW846 8082.

Porous Exterior Brick Surface

Fuss & O'Neill EnviroScience conducted sampling of masonry utilizing similar procedures to the EPA "Standard Operating Procedures for Sampling Porous Surfaces for Polychlorinated Biphenyls" Dated May 5, 2011. Sampling involved first complete removal of bulk product materials (source materials) at sampling location using hand tools. Intent was to ensure complete removal of source material prior to sampling adjacent surfaces. Once removal of all visible source material was performed the porous surfaces were cleaned using Hexane with a wire brush and surface was rinsed with distilled water.

The adjacent porous surface sampled included the exterior brick.

The porous surface was sampled using a mechanical hammer drill to obtain samples at a depth of one half inch at the joint of the exterior expansion caulking compounds, three inches away from the joint of the exterior expansion caulking, compounds, and 12 inches away from the joint of the exterior expansion caulking compounds on February 6, 2013. This sampling was performed to identify the extent of PCB contamination within the exterior brick.

Additionally, the porous surface was sampled using a mechanical hammer drill to obtain samples at a depth of one half inch at the joint of the exterior door caulking compounds associated with older single door systems and exterior door/window caulking compounds associated with older stair tower at three locations, respectively, on February 6, 2013. This sampling was performed to identify if the exterior brick contained PCB contamination from a previous source which contaminated the exterior door caulking compounds and exterior door/window caulking compounds.

Tools utilized to collect samples were decontaminated between sampling using a hexane wash series consisting of tap water, soapy water, distilled water, hexane, and distilled water. Each sample was placed in 4 ounce glass jars, labeled and delivered to laboratory using proper chain of custody.

Porous Exterior Structural Concrete Surfaces

Fuss & O'Neill EnviroScience conducted sampling of masonry utilizing similar procedures to the EPA "Standard Operating Procedures for Sampling Porous Surfaces for Polychlorinated Biphenyls" Dated May 5, 2011. Sampling involved first complete removal of bulk product materials (source materials) at sampling location using hand tools. Intent was to ensure complete removal of source material prior to sampling adjacent surfaces. Once removal of all visible source material was performed the porous surfaces were cleaned using Hexane with a wire brush and surface was rinsed with distilled water.

The adjacent porous surface sampled included the exterior structural concrete.

The porous surface was sampled using a mechanical hammer drill to obtain samples at a depth of one half inch at the joint of the exterior concrete column/rooftop coping stone caulking compounds, three inches away from the joint of the exterior concrete column/rooftop coping stone caulking compounds, and 12 inches away from the joint of the exterior concrete column/rooftop coping stone caulking compounds at three locations on February 6, 2013. This sampling was performed to identify the extent of PCB contamination within the exterior structural concrete.

Additionally, the porous surface was sampled using a mechanical hammer drill to obtain samples at a depth of one half inch at the joint of the exterior vent caulking compounds at three locations on February 6, 2013. This sampling was performed to identify if the structural concrete contained PCB contamination from a previous source which contaminated the exterior vent caulking compounds.

Tools utilized to collect samples were decontaminated between sampling using a hexane wash series consisting of tap water, soapy water, distilled water, hexane, and distilled water. Each sample was placed in 4 ounce glass jars, labeled and delivered to laboratory using proper chain of custody.

Porous Interior Concrete Block Surface

Fuss & O'Neill EnviroScience conducted sampling of masonry utilizing similar procedures to the EPA "Standard Operating Procedures for Sampling Porous Surfaces for Polychlorinated Biphenyls" dated May 5, 2011. Sampling involved first complete removal of bulk product materials (source materials) at sampling location using hand tools. Intent was to ensure complete removal of source material prior to sampling adjacent surfaces. Once removal of all visible source material was performed the porous surfaces were cleaned using Hexane with a wire brush and surface was rinsed with distilled water.

The adjacent porous surface sampled included the interior concrete block.

The porous surface was sampled using a mechanical hammer drill to obtain samples at a depth of one half inch at the joint of the interior window caulking compounds associated with the older single window systems and the interior door/.window caulking compounds associated with the stair towers in three locations, respectively, on February 6, 2013. This sampling was performed to identify if the interior concrete block contained PCB contamination from a previous source which contaminated the exterior vent caulking compounds.

Tools utilized to collect samples were decontaminated between sampling using a hexane wash series consisting of tap water, soapy water, distilled water, hexane, and distilled water. Each sample was placed in 4 ounce glass jars, labeled and delivered to laboratory using proper chain of custody.

Porous Ground Surfaces

Soil, asphalt, brick, and/or concrete samples were collected from 215 locations. Samples were collected at the building foundation (drip-line), at a depth of one half inch, and at an interval of 10 feet in accordance with Sub-Part N. Two discrete samples were composited into one composite sample.

Additional samples were collected at the building foundation (drip-line) at a depth of one foot and two foot, if required, and at a distance of five feet from the building foundation at a depth of one half inch and one foot, if required.

Samples collected at the above specified intervals were collected by a hand spade tool, and transferred to glass containers, labeled and delivered to laboratory using proper chain of custody. Tools utilized to collect samples were decontaminated between sampling using a hexane wash series consisting of tap water, soapy water, distilled water, hexane, and distilled water.

2.2 Sample Analysis Results

The following tables summarize the specific sampling locations of collected samples and results of PCB analysis. The analytical method for analysis included extraction method 3540C (Soxhlet Extraction) and analysis method SW846 8082. The laboratory results and chain of custody are included in *Appendices A and B*.

2.2.1 Source Material Sample Analysis Results

Laboratory analysis results and chain of custody are included in *Appendix A* for source materials. The sample numbers, location, material description, and analysis results are included in *Table 2.1*. Refer to *Figures 2-1 – 2-11* identifying the locations of collected samples.

2.2.1.1 PCB Bulk Product

The analysis results of all collected materials are summarized in *Table 2.1*. Results of sampling indicate several samples were identified as containing PCB \geq 50 ppm associated with the existing expansion caulking compounds and exterior column/rooftop coping stone caulking compounds. Materials containing PCB \geq 50ppm are listed in the following table.

Table 1.1
PCB Bulk Product Summary

Sample Number(s)	Sampled Location(s)	Material Description	Result (ppm)
201204030926-BR-EEC-01A	Exterior of girl's locker room	Exterior expansion caulking compounds	4,440 (Aroclor 1248)

Sample Number(s)	Sampled Location(s)	Material Description	Result (ppm)
201204030926-CN-ECC-01A, 01B, 01C	Exterior of classroom adjacent to media computer lab, exterior of 2 nd magnet math classroom from stair #7, and exterior of classroom between stair #8 and laundry room	Exterior concrete column/rooftop caulking compounds	7,600 - 8,700 (Aroclor 1248/1254/1260)

Based on the sampling results, the exterior expansion caulking compounds and exterior concrete column/rooftop coping stone caulking compounds are considered PCB Bulk Products.

Additionally, these materials were sampled for asbestos content and were determined to be non-detected for asbestos in representative samples.



Rooftop Coping Stone
Caulking Compounds



Concrete Column Caulking
Compounds



Expansion Caulking
Compounds

2.2.1.2 <50 PPM PCB Containing Materials

Results of sampling indicate several samples were identified as containing PCB <50 ppm. Materials containing PCB <50 ppm are listed in the following table.

Table 1.2
<50 ppm PCB Containing Materials Summary

Sample Number(s)	Sampled Location	Material Description	Result (ppm)
201204030926-EVC-01A	Exterior of freshman social studies classroom adjacent to stair #6	Exterior vent caulking compounds	2.1 (Aroclor 1248/1254)
201204030926-SD-EDC-01A, 0C	Exterior between theater and choral rooms and exterior of special education room	Exterior door caulking compounds associated with single door systems	1.1 – 2.8 (Aroclor 1248/1254)
201204030926-SW-IWC-01A, 01B, 01C	Team lockers by girl's locker room, Trainer's/coach's office by boys locker room, and cafeteria	Interior window caulking compounds associated with single window systems	17 – 30 (Aroclor 1248/1254)
201204030926-SW-EWG-01B	Trainer's/coach's office by boys locker room	Exterior window glazing compounds associated with single window systems	24 (Aroclor 1254)
201204030926-ST-EWG-01A	Stair #6	Exterior window glazing compounds associated with stair tower door/window systems	1.2 (Aroclor 1254)
2012-0403-0926-ST-ED/WC-01A, 01B, 01C	Stair #6, #8, and #2	Exterior door/window caulking compounds associated with stair tower door/window systems	7.3 (Aroclor 1248/1254) 1.3 – 7.0 (Aroclor 1248)
2012-0403-0926-ST-ID/WC-01A, 01B, 01C		Interior door/window caulking compounds associated with stair tower door/window systems	4.2 – 9.8 (Aroclor 1248/1254)
2012-0403-0926-ST-IWG-01A	Stair #6	Interior window glazing compounds associated with stair tower window systems	5.8 (Aroclor 1248/1254)

Sample Number(s)	Sampled Location	Material Description	Result (ppm)
201303281203-CT-06A, 06B, 06C	Cafeteria room F111, room F101, and main office	1x1 ceiling tile type I	2.5 – 4.0 (Aroclor 1254)
201303281203-CT-11B	Room A123	2x4 ceiling tile replacement type III	1.2 (Aroclor 1248)
201309050926-BM-01A, 01B, 0C	Custodian office, cafeteria room F111, and room B208	Black mastic	4.5 (Aroclor 1248) 1.8 – 4.3 (Aroclor 1254)
201309050926-CBG-02A, 02B, 02C	Room A6, room A127, and, room F201	Yellow Cove Base Glue	5.2 (Aroclor 1248/1254) 3.1 – 3.5 (Aroclor 1248)
201309050926-CBG-03C	Room C120	White Cove Base Glue	3.4 (Aroclor 1248)

Based on sampling results, the exterior vent caulking compounds, exterior door caulking compounds associated with single door systems, interior window caulking compounds and exterior window glazing compounds associated with single window systems, exterior and interior door/window caulking and glazing compounds associated with stair tower door/window systems, 1x1 ceiling tiles type I, 2x4 ceiling tiles replacement type III, black mastic, and cove base glue – yellow, brown, and white colored are <50 ppm based on representative samples collected. The materials are original building products and no renovation or repair work has been performed. The material meets the definition of an Excluded PCB Product in accordance with the definition in 40 CFR 761.3.

Additionally, the material were sampled for asbestos content and determined to contain asbestos.



Older Single Door System



Vent System



Stair Tower



Older Single Window System

2.2.2 Adjacent Surface Material Sample Analysis Results

Laboratory analysis results and chain of custody are included in Appendix B for adjacent porous material bulk samples. The sample numbers, locations, material description, and analysis results are included in *Table 2.1*. Refer to *Figures 3-1 through 3-11* identifying locations of collected samples.

2.2.2.1 Adjacent Porous Exterior Concrete

The analysis results of adjacent porous materials are summarized in *Table 2.1*.

The sample results of the adjacent porous exterior concrete associated with the exterior concrete column/rooftop coping stone caulking compounds and exterior vent caulking compounds are summarized in the following table.

Table 1.3
Adjacent Exterior Concrete Sampling Summary

Sample Number(s)	Sampled Location(s)	Material Description	Result (ppm)
201302061203-EEC-AS-BRICK-01A-01	Exterior of girls' locker room	Adjacent brick at exterior expansion caulking compound joint	ND <0.33
201302061203-EEC-AS-BRICK-01A-06		Adjacent brick at a distance of 6 inches from exterior expansion caulking compound joint	ND <0.32
201302061203-EEC-AS-BRICK-01A-12		Adjacent brick at a distance of 12 inches from exterior expansion caulking compound joint	ND <0.33

2.2.2.2 Adjacent Porous Exterior Brick

The analysis results of adjacent porous materials are summarized in *Table 2.1*.

The sample results of the adjacent porous exterior brick sampling associated with exterior expansion caulking compounds, exterior door caulking compounds associated with the single door systems, and exterior door/window caulking compounds associated with the stair tower door/window systems are summarized in the following table.

Table 1.4
Adjacent Exterior Brick Sampling Summary

Sample Number(s)	Sampled Location(s)	Material Description	Result (ppm)
201302061203-EEC-AS-BRICK-01A-01	Exterior of girls' locker room	Adjacent brick at exterior expansion caulking compound joint	ND <0.33
201302061203-EEC-AS-BRICK-01A-06	Exterior of girls' locker room	Adjacent brick at a distance of 6 inches from exterior expansion caulking compound joint	ND <0.32
201302061203-EEC-AS-BRICK-01A-12		Adjacent brick at a distance of 12 inches from exterior expansion caulking compound joint	ND <0.33
201302061203-EDC-AS-BRICK-01A, 01B, 01C	Exterior between theater and choral rooms, exterior of laundry room, and exterior of special education room	Adjacent brick at exterior door caulking compound joint	ND <0.32 – ND <0.33
201302061203-ST-ED/WC-AS-BRICK-01A, 01B, 01C	Stair #6, #8, and #2	Adjacent brick at exterior door/window caulking compounds joint	ND <0.32 – ND <0.33

Based on the sampling results, the exterior brick at joint of the exterior expansion caulking compounds is none detect for PCBs. In an effort to minimize the possibility of the post-cleaning verification sampling failures, the remediation project is scheduled to remove an entire brick on each side of the expansion joints to the nearest mortar joint. The estimated distance proposed for removal is one whole masonry unit of brick. In accordance with EPA re-interpretation of October 2012, the adjacent materials if removed with PCB Bulk Product materials intact shall be considered PCB Bulk Product Waste for disposal in accordance with 40 CFR 761.62.

Based on the sampling results, the exterior brick at joint of the exterior door caulking compounds associated with single door systems and exterior door/window caulking compounds associated with stair tower door/window systems are none detect for PCBs. This confirms that the source materials are Excluded PCB Products.

2.2.2.3 Adjacent Porous Interior Block

The analysis results of adjacent porous materials are summarized in *Table 2.1*.

The sample results of the adjacent porous interior block sampling associated with interior window caulking compounds associated with the single window systems and interior door/window caulking compounds associated with the stair tower door/window systems are summarized in the following table.

Table 1.5
Adjacent Interior Block Sampling Summary

Sample Number(s)	Sampled Location(s)	Material Description	Result (ppm)
201302061203-SW-IWC-AS-CB-01A, 01B, 01C	Team lockers by girl's locker room, Trainer's/coach's office by boys locker room, and cafeteria	Adjacent concrete block at interior window caulking compound joint	ND <0.32 - 3.6 (Aroclor 1242/1248)
201302061203-ST-ID/WC-AS-CB-01A, 01B, 01C	Stair #6, #8, and #2	Adjacent block at interior door/window caulking compounds joint	ND <0.33

Based on the sampling results, the interior block at joint of the interior window caulking compounds associated with single window systems and interior door/window caulking compounds associated with stair tower door/window systems are none detect for PCBs with the exception of the cafeteria which had a concentration of 3.6 ppm PCBs. This confirms that the source materials are Excluded PCB Products.

2.2.3 Adjacent Ground Surfaces Analysis Results

Laboratory analysis results and chain of custody are included in *Appendix B* for adjacent porous ground material bulk samples. The sample numbers, locations, material description, and analysis results are included in *Table 2.2* and *Table 2-31*. Refer to *Figures 4-1 through 4-6* identifying locations of collected samples.

2.2.3.1 Adjacent Porous Soil

The analysis results of adjacent soil/asphalt surfaces are summarized in *Table 2.2* and *2.3*.

Results of sampling indicate one concrete ground location as containing PCB > 1 ppm. The locations of soils containing PCB ≥ 1 ppm are listed in the following table.

Table 1.6
Adjacent Soil Ground Sample Analysis

Sample Number(s)	Sampled Location	Material Description	Result (ppm)
201202061203-ECC-AG-CONCRETE-03/04, 03A/04A, 03C, 04C	Exterior Classroom C111 – C113	Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	0.78 (Aroclor 1248/1254) 1.1 – 1.9 (Aroclor)
201302061203-ECC-AG-SOIL-05/06, 05A/06A	Exterior Classroom C111	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	1. – 7.6 (Aroclor 1248)
201302061203-ECC-AG-SOIL-07/08 07A/08A	Exterior Classroom C109	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	4.2 (Aroclor 1248) 1.8 (Aroclor 1248/1254)
201302061203-ECC-AG-SOIL-09/10, 09A/10A	Exterior Classroom C107-C109	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	1.4 – 7.3 (Aroclor 1248)
201302061203-ECC-AG-SOIL-11/12, 11A/12A	Exterior Classroom C107	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	1.6 (Aroclor 1248/1254) 0.6 (Aroclor 1248)
201302061203-ECC-AG-SOIL-13/14	Exterior Classroom C105	Composite sample of soil 5 feet away from foundation at a depth of ½ inch	1.8 (Aroclor 1248/1254/1260)
201302061203-ECC-AG-SOIL-15/16	Exterior Classroom C103-C105	Composite sample of soil 5 feet away from foundation at a depth of ½ inch	1.3 (Aroclor 1248/1254)
201302061203-ECC-AG-SOIL-17/18, 17A/1	Exterior Classroom C103	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	5 (Aroclor 1248/1254) 1 (Aroclor 1248)

Sample Number(s)	Sampled Location	Material Description	Result (ppm)
201302061203-ECC-AG-SOIL-19/20, 19A/20A	Exterior Classroom C101-C103	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	6.5 (Aroclor 1248/1254) 0.53 (Aroclor 1248)
201302061203-ECC-AG-SOIL-21/22, 21A/22A	Exterior Classroom C101	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	2.2 – 4.3 (Aroclor 1248)
201302061203-ECC-AG-SOIL-23/24	Exterior Classroom B117	Composite sample of soil at foundation at a depth of ½ inch	0.8 (Aroclor 1248/1254)
201302061203-ECC-AG-SOIL-25/26, 25A/26A, 25D/26D	Exterior Classroom B117	Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	0.52 - 6 (Aroclor 1248)
201302061203-ECC-AG-SOIL-27/28	Exterior Classroom B117-B115	Composite sample of soil at foundation at a depth of ½ inch	5.6 (Aroclor 1248)
201302061203-ECC-AG-SOIL-29/30, 29A/30A, 29D/30D	Exterior Classroom B115	Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	0.55 – 2.6 (Aroclor 1248/1254)
201302061203-ECC-AG-SOIL-31/32, 31A/32A	Exterior Classroom B113	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	1.4 – 7 (Aroclor 1248)
201302061203-ECC-AG-SOIL-33/34, 33A/34A	Exterior Classroom B111	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	1.6 – 7.2 (Aroclor 1248)
201302061203-ECC-AG-SOIL-35/36, 35A/36A, 35D/36D	Exterior Classroom B109	Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	1.7 (Aroclor 1248/1254) 0.6 – 1.8 (Aroclor 1248)
201302061203-ECC-AG-SOIL-37/38, 37A/38A, 37D/38D	Exterior Classroom G109-B107	Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	0.79 – 6.1 (Aroclor 1248)
201302061203-ECC-AG-SOIL-39/40, 39A/40A, 39D/40D	Exterior Classroom B107	Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	0.69 – 6.5 (Aroclor 1248)
201302061203-ECC-AG-SOIL-41/42, 41A/42A	Exterior Classroom G107	Composite sample of soil at foundation at a depth of ½ inch and 12 inches, and 24 inches	0.91 – 8.2 (Aroclor 1248)
201305021203-ECC-AG-SOIL-41B/42B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	0.68 (Aroclor 1248)

Sample Number(s)	Sampled Location	Material Description	Result (ppm)
201302061203-ECC-AG-SOIL-43/44	Exterior Assistant Principal Office at B105	Composite sample of soil at foundation at a depth of ½ inch	1.4 (Aroclor 1248)
201302061203-ECC-AG-SOIL-45/46	Exterior Health Office Exam Room	Composite sample of soil at foundation at a depth of ½ inch	7.7 (Aroclor 1248)
201302061203-ECC-AG-SOIL-47/48	Exterior Nurse's Suite at Health Office	Composite sample of soil at foundation at a depth of ½ inch	3.1 (Aroclor 1248)
201302061203-ECC-AG-SOIL-106/107, 106A/107A	Exterior Cafeteria F111-F113	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	12 - 14 (Aroclor 1248)
201302061203-ECC-AG-SOIL-108/109, 108A/109A, 108D/109D		Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	0.75 – 7.7 (Aroclor 1248)
201302061203-ECC-AG-SOIL-110/111, 110A/111A		Composite sample of soil at foundation at a depth of ½ inch and 12 inches	7.3 – 7.5 (Aroclor 1248)
201302061203-ECC-AG-SOIL-112/113, 112A/113A		Composite sample of soil at foundation at a depth of ½ inch	0.58 – 3.1 (Aroclor 1248)
201302061203-ECC-AG-SOIL-118/119, 118A/119A	Exterior Stairwell-Classroom E101	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	0.73 – 1.7 (Aroclor 1248/1254)
201302061203-ECC-AG-SOIL-120/121, 120A/121A	Classroom E101	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	1.1 – 7.3 (Aroclor 1248)
201302061203-ECC-AG-SOIL-122/123, 122A/123A	Exterior Classroom E103	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	2.2 – 6.4 (Aroclor 1248)
201302061203-ECC-AG-SOIL-124/125, 124A/125A		Composite sample of soil at foundation at a depth of ½ inch and 12 inches	1.7 – 7.2 (Aroclor 1248)
201302061203-ECC-AG-SOIL-126/127, 126A/127A	Exterior Classroom E105	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	3.6 – 9.4 (Aroclor 1248)
201302061203-ECC-AG-SOIL-128/129	Exterior Classroom E107	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	0.82 – 4.4 (Aroclor 1248)
201302061203-ECC-AG-SOIL-130/131, 130A/131A	Exterior Classroom H107	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	0.84 – 6.9 (Aroclor 1248)

Sample Number(s)	Sampled Location	Material Description	Result (ppm)
201302061203-ECC-AG-SOIL-132/133, 132A/133A	Exterior Classroom E109	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	2.1 – 8.2 (Aroclor 1248)
201302061203-ECC-AG-SOIL-134/135, 134A/135A	Exterior Classroom E111	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	1.5 – 34 (Aroclor 1248)
201302061203-ECC-AG-SOIL-136/137, 136A/137A, 136D/137D		Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	0.82 – 7.4 (Aroclor 1248)
201302061203-ECC-AG-SOIL-138/139, 138A/139A	Exterior Classroom E113	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	1.3 (Aroclor 1248/1254)
201302061203-ECC-AG-SOIL-140/141, 140A/141A		Composite sample of soil at foundation at a depth of ½ inch	0.59 (Aroclor 1248/1254)
			1.7 (Aroclor 1248)
201302061203-ECC-AG-SOIL-156/157	Exterior Classroom E110-H110	Composite sample of soil at foundation at a depth of ½ inch	1 (Aroclor 1248/1254/1260)
201302061203-ECC-AG-SOIL-158/159	Exterior Classroom E112	Composite sample of soil at foundation at a depth of ½ inch	1.2 (Aroclor 1248/1254/1260)
201302061203-ECC-AG-SOIL-160/161, 160A/161A, 160D/161D	Exterior Classroom E114	Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	1.2 – 6.7 (Aroclor 1260)
201302061203-ECC-AG-SOIL-162/163		Composite sample of soil at foundation at a depth of ½ inch	1.2 (Aroclor 1248/1254)
201302061203-ECC-AG-SOIL-164/165, 164A/165A	Exterior Classroom E116	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	0.94 – 3.6 (Aroclor 1248)

Sample Number(s)	Sampled Location	Material Description	Result (ppm)
201302061203-ECC-AG-SOIL-166/167, 166A/167A	Exterior Classroom E118	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	1.2 – 5 (Aroclor 1248)
201302061203-ECC-AG-SOIL-168/169, 168A/169A		Composite sample of soil at foundation at a depth of ½ inch	0.5 – 8.1 (Aroclor 1248)
201302061203-ECC-AG-SOIL-170/171	Exterior Classroom E120	Composite sample of soil at foundation at a depth of ½ inch	2.3 (Aroclor 1248/1254)
201302061203-ECC-AG-SOIL-172/173, 172A/173A	Exterior Classroom E120	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	0.76 – 4.56 (Aroclor 1248)
201302061203-ECC-AG-SOIL-174/175, 174A/175A	Exterior Classroom E122	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	0.81 – 5.7 (Aroclor 1248)
201302061203-ECC-AG-SOIL-181/182, 181A/182A, 181D/182D	Exterior Classroom C118	Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	5.9 (Aroclor 1248/1254)
			0.94 – 1.1 (Aroclor 1248)
201302061203-ECC-AG-SOIL-183/184	Exterior Classroom C116	Composite sample of soil at foundation at a depth of ½ inch	1.8 (Aroclor 1248/1254)
201302061203-ECC-AG-SOIL-185		Discrete sample of soil at foundation at a depth of ½ inch	2.9 (Aroclor 1248)
201302061203-ECC-AG-SOIL-186/187, 186A/187A, 186D/187D	Exterior Classroom C114	Composite sample of soil at foundation at a depth of ½ inch	0.62 – 12 (Aroclor 1248)
201302061203-ECC-AG-SOIL-188/189, 188A/189A	Exterior Classroom C112-C114	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	2.6 (Aroclor 1248/1254)
			0.62 (Aroclor 1248)
201302061203-ECC-AG-SOIL-190/191, 190A/191A, 190D/191D	Exterior Classroom C112	Composite sample of soil at foundation at a depth of ½ inch	1.2 (Aroclor 1248/1254)
			0.84 – 1.5 (Aroclor 1248)

Sample Number(s)	Sampled Location	Material Description	Result (ppm)
201302061203-ECC-AG-SOIL-192/193, 192A/193A	Exterior Classroom C110	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	3.9 – 7.7 (Aroclor 1248)
201302061203-ECC-AG-SOIL-194/195	Exterior Classroom B122	Composite sample of soil at foundation at a depth of ½ inch	1.5 (Aroclor 1248)
201302061203-ECC-AG-SOIL-196/197, 196A/197A, 196D/197D		Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	1.4 (Aroclor 1248/1254) 0.61 – 0.97 (Aroclor 1248)
201302061203-ECC-AG-SOIL-198/199, 198A/199A, 198D/199D	Exterior Classroom B120	Composite sample of soil at foundation at a depth of ½ inch	1.4 (Aroclor 1248/1254) 0.5 – 1.3 (Aroclor 1248)
201302061203-ECC-AG-SOIL-200/201, 200A/201A, 200D, 201D	Exterior Classroom B118-B120	Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	0.81 - 6 (Aroclor 1248)
201302061203-ECC-AG-SOIL-202/203	Exterior Classroom B118	Composite sample of soil at foundation at a depth of ½ inch	2 (Aroclor 1248/1254)
201302061203-ECC-AG-SOIL-204/205, 204A/205A, 204D/205D	Exterior Classroom B116	Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	1.8 – 15 (Aroclor 1248)
201302061203-ECC-AG-SOIL-206/207	Exterior Classroom B114-B116	Soil located a distance of ½ inch away from column at a depth of ½ inch (composite sample of two columns)	4.3 (Aroclor 1248)
201302061203-ECC-AG-SOIL-208/209, 208A/209A, 208D/209D	Exterior Conference Room	Composite sample of soil at foundation at a depth of ½ inch, 12 inches, and 24 inches	0.69 – 1.6 (Aroclor 1248)
201305021203-ECC-AG-SOIL-208B/209B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	3.9 (Aroclor 1260)
201302061203-ECC-AG-SOIL-210/211, 201A/211A	Exterior Classroom B112	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	0.75 – 1.2 (Aroclor 1248)

Sample Number(s)	Sampled Location	Material Description	Result (ppm)
201302061203-ECC-AG-SOIL-212/213, 212A/213A	Exterior Guidance Office	Composite sample of soil at foundation at a depth of ½ inch and 12 inches	1.2 – 4.9 (Aroclor 1248)
201302061203-ECC-AG-SOIL-214/215		Composite sample of soil at foundation at a depth of ½ inch	6.8 (Aroclor 1248)

Exterior Classroom C101 - C113

Based on sampling results, the soil was determined to be a PCB Remediation Waste and requires removal to a depth of three feet at the foundation to a depth of three feet five feet away from the foundation.

The soil requiring remediation is an area approximately 200 feet by five feet. Assuming an excavation of three feet, approximately 111 cubic yards of soil will need to be excavated to achieve remedial goals.

Exterior Nurse's Office – Classroom B117

Based on sampling results, the soil was determined to be a PCB Remediation Waste and requires removal to a depth of three feet at the foundation to a depth of three feet five feet away from the foundation.

The soil requiring remediation is an area approximately 270 feet by five feet. Assuming an excavation of three feet, approximately 150 cubic yards of soil will need to be excavated to achieve remedial goals.

Exterior of Cafeteria F111 – F113

Based on sampling results, the soil was determined to be a PCB Remediation Waste and requires removal to a depth of three feet at the foundation to a depth of three feet five feet away from the foundation.

The soil requiring remediation is an area approximately 90 feet by five feet. Assuming an excavation of three feet, approximately 50 cubic yards of soil will need to be excavated to achieve remedial goals.

Exterior Classroom E101 – E113

Based on sampling results, the soil was determined to be a PCB Remediation Waste and requires removal to a depth of three feet at the foundation to a depth of three feet five feet away from the foundation.

The soil requiring remediation is an area approximately 210 feet by five feet. Assuming an excavation of three feet, approximately 117 cubic yards of soil will need to be excavated to achieve remedial goals.

Exterior Classroom E110 – E122

Based on sampling results, the soil was determined to be a PCB Remediation Waste and requires removal to a depth of three feet at the foundation to a depth of three feet five feet away from the foundation.

The soil requiring remediation is an area approximately 200 feet by five feet. Assuming an excavation of three feet, approximately 111 cubic yards of soil will need to be excavated to achieve remedial goals.

Exterior Classroom C110 – C120

Based on sampling results, the soil was determined to be a PCB Remediation Waste and requires removal to a depth of three feet at the foundation to a depth of three feet five feet away from the foundation.

The soil requiring remediation is an area approximately 170 feet by five feet. Assuming an excavation of three feet, approximately 95 cubic yards of soil will need to be excavated to achieve remedial goals.

Exterior Classroom Guidance Office – B122

Based on sampling results, the soil was determined to be a PCB Remediation Waste and requires removal to a depth of three feet at the foundation to a depth of three feet five feet away from the foundation.

The soil requiring remediation is an area approximately 200 feet by five feet. Assuming an excavation of three feet, approximately 111 cubic yards of soil will need to be excavated to achieve remedial goals.

**Table 2.1
Source Sample and Associated Adjacent Surface Analysis Result Summary**

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
4/3/12	201204030926-BR-EEC-01A	Exterior of girl's locker room	Exterior expansion caulking compounds	4,440 (Aroclor 1248)
2/6/13	201302061203-EEC-AS-BRICK-01A-01		Adjacent brick at exterior expansion caulking compound joint	ND <0.33
2/6/13	201302061203-EEC-AS-BRICK-01A-06		Adjacent brick at a distance of 6 inches from exterior expansion caulking compound joint	ND <0.32
2/6/13	201302061203-EEC-AS-BRICK-01A-12		Adjacent brick at a distance of 12 inches from exterior expansion caulking compound joint	ND <0.33
4/3/12	201204030926-CN-ECC-01A	Exterior of classroom adjacent to media computer lab	Exterior concrete column/rooftop caulking compounds	8,400 (Aroclor 1248)
2/6/13	201302061203-ECC-AS-CONC-01A-01		Adjacent concrete at exterior concrete column/rooftop coping stone caulking compound joint	ND <0.34
2/6/13	201302061203-ECC-AS-CONC-01A-06		Adjacent concrete at a distance of 6 inches from exterior concrete column/rooftop coping stone caulking compound joint	ND <0.34
2/6/13	201302061203-ECC-AS-CONC-01A-12		Adjacent concrete at a distance of 12 inches from exterior concrete column/rooftop coping stone caulking compound joint	ND <0.33
4/3/12	201204030926-CN-ECC-01B	Exterior of 2 nd magnet math classroom from stair #7	Exterior concrete column/rooftop caulking compounds	8,700 (Aroclor 1248/1260)
2/6/13	201302061203-ECC-AS-CONC-01B-01		Adjacent concrete at exterior concrete column/rooftop coping stone caulking compound joint	1.2 (Aroclor 1248)
2/6/13	201302061203-ECC-AS-CONC-01B-06		Adjacent concrete at a distance of 6 inches from exterior concrete column/rooftop coping stone caulking compound joint	ND <0.33
2/6/13	201302061203-ECC-AS-CONC-01B-12		Adjacent concrete at a distance of 12 inches from exterior concrete column/rooftop coping stone caulking compound joint	ND <0.33
4/3/12	201204030926-CN-ECC-01C	Exterior of classroom between stair #8 and laundry room	Exterior concrete column/rooftop caulking compounds	7,600 (Aroclor 1248/1254)
2/6/13	201302061203-ECC-AS-CONC-01C-01		Adjacent concrete at exterior concrete column/rooftop coping stone caulking compound joint	1.9 (Aroclor 1248)
2/6/13	201302061203-ECC-AS-CONC-01C-06		Adjacent concrete at a distance of 6 inches from exterior concrete column/rooftop coping stone caulking compound joint	ND <0.33
2/6/13	201302061203-ECC-AS-CONC-01C-12		Adjacent concrete at a distance of 12 inches from exterior concrete column/rooftop coping stone caulking compound joint	ND <0.33
4/3/13	201204030926-EVC-01A	Exterior of freshman social studies classroom adjacent to stair #6	Exterior vent caulking compounds	2.1 (Aroclor 1248/1254)
2/6/13	201302061203-EVC-AS-CONC-01A		Adjacent concrete at exterior vent caulking compound joint	ND <0.33
4/3/12	201204030926-EVC-01C	Exterior of magnet school English room near stair #9	Exterior vent caulking compounds	ND <0.82
2/6/13	201302061203-EVC-AS-CONC-01B		Adjacent concrete at exterior vent caulking compound joint	ND <0.33
4/2/13	201204030926-EVC-01C	Exterior side near stair #5	Exterior vent caulking compounds	0.96 (Aroclor 1248/1254)
2/6/13	201302061203-EVC-AS-CONC-01C		Adjacent concrete at exterior vent caulking compound joint	ND <0.33

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
4/3/12	201204030926-SD-EDC-01A	Exterior between theater and choral rooms	Exterior door caulking compounds	1.1 (Aroclor 1248/1254)
2/6/13	201302061203-EDC-AS-BRICK-01A		Adjacent brick at exterior door caulking compound joint	ND <0.32
4/3/12	201204030926-SD-EDC-01B	Exterior of laundry room	Exterior door caulking compounds	ND <0.75
2/6/13	201302061203-EDC-AS-BRICK-01B		Adjacent brick at exterior door caulking compound joint	ND <0.33
4/3/12	201204030926-SD-EDC-01C	Exterior of special education room	Exterior door caulking compounds	2.8 (Aroclor 1248/1254)
2/6/13	201302061203-EDC-AS-BRICK-01C		Adjacent brick at exterior door caulking compound joint	ND <0.33
4/3/12	201204030926-SW-IWG-01A	Team lockers by girl's locker room	Interior window glazing compounds	ND <0.81
4/3/12	201204030926-SW-IWG-01B	Trainer's/coach's office by boys locker room		ND <0.76
4/3/12	201204030926-SW-IWG-01C	Cafeteria		ND <0.77
4/3/12	201204030926-SW-IWC-01A	Team lockers by girl's locker room	Interior window caulking compounds	30 (Aroclor 1248/1254)
2/6/13	201302061203-SW-IWC-AS-CB-01A		Adjacent concrete block at interior window caulking compound joint	ND <0.32
4/3/12	201204030926-SW-IWC-01B	Trainer's/coach's office by boys locker room	Interior window caulking compounds	24 (Aroclor 1248/1254)
2/6/13	201302061203-SW-IWC-AS-CB-01B		Adjacent concrete block at interior window caulking compound joint	ND <0.34
4/3/12	201204030926-SW-IWC-01C	Cafeteria	Interior window caulking compounds	17 (Aroclor 1248/1254)
2/6/13	201302061203-SW-IWC-AS-CB-01C		Adjacent concrete block at interior window caulking compound joint	3.6 (Aroclor 1242/1248)
4/3/12	201204030926-SW-EWC-01A	Team lockers by girl's locker room	Exterior window caulking compounds	ND <0.76
4/3/12	201204030926-SW-EWC-01B	Trainer's/coach's office by boys locker room		ND <0.83
4/3/12	201204030926-SW-EWC-01C	Cafeteria		ND <0.83
4/3/12	201204030926-SW-EWG-01A	Team lockers by girl's locker room	Exterior window glazing compounds	ND <0.82
4/3/12	201204030926-SW-EWG-01B	Trainer's/coach's office by boys locker room		24 (Aroclor 1254)
4/3/12	201204030926-SW-EWG-01C	Cafeteria		ND <0.79
4/3/12	201204030926-ST-EWG-01A-R	Stair #6	Exterior window glazing compounds – replacement I, II, and III	ND <0.41
4/3/12	201204030926-ST-EWG-01B-R	Stair #8		ND <0.43
4/3/12	201204030926-ST-EWG-01C-R	Stair #2		ND <0.82
4/3/12	201204030926-ST-EWG-01A	Stair #6	Exterior window glazing compounds	1.2 (Aroclor 1254)
4/3/12	201204030926-ST-EWG-01B	Stair #8		ND <0.80
4/3/12	201204030926-ST-EWG-01C	Stair #2		ND <0.81
4/3/12	2012-0403-0926-ST-ED/WC-01A	Stair #6	Exterior door/window caulking compounds	7.3 (Aroclor 1248 and 1254)
2/6/13	201302061203-ST-ED/WC-AS-BRICK-01A	Stair #6	Adjacent brick at exterior door/window caulking compounds joint	ND <0.32

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
4/3/12	2012-0403-0926-ST-ED/WC-01B	Stair #8	Exterior door/window caulking compounds	7.0 (Aroclor 1248)
2/6/13	201302061203-ST-ED/WC-AS-BRICK-01B	Stair #8	Adjacent brick at exterior door/window caulking compounds joint	ND <0.33
4/3/12	2012-0403-0926-ST-ED/WC-01C	Stair #2	Exterior door/window caulking compounds	1.3 (Aroclor 1248)
2/6/13	201302061203-ST-ED/WC-AS-BRICK-01C	Stair #2	Adjacent brick at exterior door/window caulking compounds joint	ND <0.33
4/3/12	2012-0403-0926-ST-ED/WC-01DR	Stair #8	Exterior door/window caulking compounds –replacement type I	ND <0.82
4/3/12	2012-0403-0926-ST-ID/WC-01A	Stair #6	Interior door/window caulking compounds	7.0 (Aroclor 1248 and 1254)
2/6/13	201302061203-ST-ID/WC-AS-CB-01A	Stair #6	Adjacent concrete block at interior door/window caulking compound joint	ND <0.33
4/3/12	2012-0403-0926-ST-ID/WC-01B	Stair #8	Interior door/window caulking compounds	4.2 (Aroclor 1248 and 1254)
2/6/13	201302061203-ST-ID/WC-AS-CB-01B	Stair #8	Adjacent concrete block at interior door/window caulking compound joint	ND <0.33
4/3/12	2012-0403-0926-ST-ID/WC-01C	Stair #2	Interior door/window caulking compounds	9.8 (Aroclor 1248 and 1254)
2/6/13	201302061203-ST-ID/WC-AS-CB-01C	Stair #2	Adjacent concrete block at interior door/window caulking compound joint	ND <0.33
4/3/13	2012-0403-0926-ST-IWG-01A	Stair #6	Interior window glazing compounds	5.8 (Aroclor 1248 and 1254)
3/28/13	201303281203-CT-01A	Custodian Office	2x4 ceiling tile type I pinhole	ND <0.67
3/28/13	201303281203-CT-01B	Corridor at room F105		ND <0.74
3/28/13	201303281203-CT-01C	Corridor at room B204		ND <0.73
3/28/13	201303281203-CT-02A	Custodian Office	2x4 ceiling tile type I	ND <0.99
3/28/13	201303281203-CT-02B	Room C101		ND <0.43
3/28/13	201303281203-CT-02C	Corridor at room A13		ND <0.47
3/28/13	201303281203-CT-03A	Corridor at room F105		ND <0.70
3/28/13	201303281203-CT-03B	Room B204	2x4 ceiling tile type II pinhole	ND <0.69
3/28/13	201303281203-CT-03C	Corridor at room B204		ND <0.73
3/28/13	201303281203-CT-04A	Cafeteria Room F105		1x1 ceiling tile replacement type II
3/28/13	201303281203-CT-04B	Cafeteria Room F105	ND <0.96	
3/28/13	201303281203-CT-04C	Cafeteria room F111	ND <0.87	
3/28/13	201303281203-CT-05A	Cafeteria room F111	1x1 ceiling tile type II	ND <0.50
3/28/13	201303281203-CT-05B	Cafeteria Room F105		ND <0.61
3/28/13	201303281203-CT-05C	Stair #3		ND <0.57
3/28/13	201303281203-CT-06A	Cafeteria room F111	1x1 ceiling tile type I	2.5 (Aroclor 1254)
3/28/13	201303281203-CT-06B	Room F101		4.0 (Aroclor 1254)
3/28/13	201303281203-CT-06C	Main Office		2.7 (Aroclor 1254)

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
3/28/13	201303281203-CT-07A	Kitchen	2x4 ceiling tile sheetrock type	ND <0.58
3/28/13	201303281203-CT-07B	Kitchen		ND <0.62
3/28/13	201303281203-CT-07C	Kitchen		0.67 (Aroclor 1254)
3/28/13	201303281203-CT-08A	Front lobby	2x2 ceiling tile smooth type	ND <0.76
3/28/13	201303281203-CT-08B	Front lobby		0.67 (Aroclor 1254)
3/28/13	201303281203-CT-08C	Second floor corridor at auditorium		ND <0.63
3/28/13	201303281203-CT-09A	Room F220	2x4 ceiling tile replacement type I	ND <0.82
3/28/13	201303281203-CT-09B	Custodian office		ND <0.84
3/28/13	201303281203-CT-09C	Head custodian office		ND <0.78
3/28/13	201303281203-CT-10A	Custodian office	2x4 ceiling tile replacement type II	ND <0.70
3/28/13	201303281203-CT-10B	Corridor at room A11		ND <0.94
3/28/13	201303281203-CT-10C	Room C206		ND <0.75
3/28/13	201303281203-CT-11A	Room A123	2x4 ceiling tile replacement type III	0.9 (Aroclor 1248)
3/28/13	201303281203-CT-11B	Room A123		1.2 (Aroclor 1248)
3/28/13	201303281203-CT-11C	Room A123		0.67 (Aroclor 1248)
3/28/13	201303281203-CT-12A	Library	1x1 ceiling tile replacement type I	0.63 (Aroclor 1254)
3/28/13	201303281203-CT-12B	Library		0.82 (Aroclor 1254)
3/28/13	201303281203-CT-12C	Library		0.82 (Aroclor 1254)
9/5/2013	201309050926-BM-01A	Custodian office	Black mastic	4.5 (Aroclor 1248)
9/5/2013	201309050926-BM-01B	Cafeteria room F111		4.3 (Aroclor 1254)
9/5/2013	201309050926-BM-01C	Room B208		1.8 (Aroclor 1254)
9/5/2013	201309050926-CBG-01A	Custodian office	Brown Cove Base Glue	0.82 (Aroclor 1248)
9/5/2013	201309050926-CBG-01B	Cafeteria room F111		3.0 (Aroclor 1248/1254)
9/5/2013	201309050926-CBG-01C	Room B208		4.3 (Aroclor 1248/1254)

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
9/5/2013	201309050926-CBG-02A	Room A6	Yellow Cove Base Glue	5.2 (Aroclor 1248/1254)
9/5/2013	201309050926-CBG-02B	Room A127		3.5 (Aroclor 1248)
9/5/2013	201309050926-CBG-02C	Room F201		3.1 (Aroclor 1248)
9/5/2013	201309050926-CBG-03A	Head custodian office	White Cove Base Glue	0.93 (Aroclor 1248)
9/5/2013	201309050926-CBG-03B	Room B103		0.7 (Aroclor 1248)
9/5/2013	201309050926-CBG-03C	Room C120		3.4 (Aroclor 1248)

Table 2.2
Adjacent Ground Surface Sample Associated with Exterior Expansion Caulking Compounds Analysis Result Summary

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/20/13	201302061203-EEC-AG-ASPH-01/02 COMP	Boys Locker Room	Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.16
2/20/13	201302061203-EEC-AG-SOIL-03/04 COMP	Equipment Storage	Composite sample of soil at foundation at a depth of ½ inch	0.41 (Aroclor 1254)
2/20/13	201302061203-EEC-AG-SOIL-05/06 COMP	Girls Locker Room	Composite sample of asphalt at foundation at a depth of ½ inch	0.34 (Aroclor 1254)
2/20/13	201302061203-EEC-AG-SOIL-07/08 COMP	Girls Locker Room	Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.2

Table 2.3
Adjacent Ground Surface Sample Associated with Exterior Concrete Column/Rooftop Coping Stone Caulking Compounds Analysis Result Summary

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/6/13	201202061203-ECC-AG-CONCRETE-01/02	Exterior Gym Lobby-Classroom C113	Composite sample of concrete at foundation at a depth of ½ inch	0.2 (Aroclor 1248)
2/6/13	201202061203-ECC-AG-CONCRETE-03/04	Exterior Classroom C111-C113	Composite sample of soil at foundation at a depth of ½ inch	0.78 (Aroclor 1248/1254)
5/2/13	201305021203-ECC-AG-CONCRETE-03A/04A		Composite sample of soil at foundation at a depth of 12 inches	1.1 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-CONCRETE-03C/04C		Composite sample of soil at foundation at a depth of 24 inches	1.9 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-CONCRETE-03B/04B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.17
2/6/13	201302061203-ECC-AG-SOIL-05/06	Exterior Classroom C111	Composite sample of soil at foundation at a depth of ½ inch	7.6 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-05A/06A		Composite sample of soil at foundation at a depth of 12 inches	1.2 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-05D/06D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.38
5/2/13	201305021203-ECC-AG-SOIL-05B/06B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	0.46 (Aroclor 1248)
2/6/13	201302061203-ECC-AG-SOIL-07/08	Exterior Classroom C109	Composite sample of soil at foundation at a depth of ½ inch	4.2 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-07A/08A		Composite sample of soil at foundation at a depth of 12 inches	1.8 (Aroclor 1248/1254)
6/24/13	201306241007-ECC-AG-SOIL-07D/08D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.36
5/2/13	201305021203-ECC-AG-SOIL-07B/08B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.21
2/6/13	201302061203-ECC-AG-SOIL-09/10	Exterior Classroom C107-C109	Composite sample of soil at foundation at a depth of ½ inch	7.3 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-09A/10A		Composite sample of soil at foundation at a depth of 12 inches	1.4 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-09D/10D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.39
5/2/13	201305021203-ECC-AG-SOIL-09B/10B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.22
2/6/13	201302061203-ECC-AG-SOIL-11/12	Exterior Classroom C107	Composite sample of soil at foundation at a depth of ½ inch	1.6 (Aroclor 1248/1254)
5/2/13	201305021203-ECC-AG-SOIL-11A/12A		Composite sample of soil at foundation at a depth of 12 inches	0.6 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-11D/12D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.37
5/2/13	201305021203-ECC-AG-SOIL-11B/12B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.23

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/6/13	201302061203-ECC-AG-SOIL-13/14	Exterior Classroom C105	Composite sample of soil 5 feet away from foundation at a depth of ½ inch	1.8 (Aroclor 1248/1254/1260)
5/2/13	201305021203-ECC-AG-SOIL-13A/14A		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
5/2/13	201305021203-ECC-AG-SOIL-13B/14B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.2
2/6/13	201302061203-ECC-AG-SOIL-15/16	Exterior Classroom C103-C105	Composite sample of soil 5 feet away from foundation at a depth of ½ inch	1.3 (Aroclor 1248/1254)
5/2/13	201305021203-ECC-AG-SOIL-15A/16A		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	0.38 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-15B/16B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.22
2/6/13	201302061203-ECC-AG-SOIL-17/18	Exterior Classroom C103	Composite sample of soil at foundation at a depth of ½ inch	5 (Aroclor 1248/1254)
5/2/13	201305021203-ECC-AG-SOIL-17A/18A		Composite sample of soil at foundation at a depth of 12 inches	1 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-17D/18D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.37
5/2/13	201305021203-ECC-AG-SOIL-17B/18B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.23
2/6/13	201302061203-ECC-AG-SOIL-19/20	Exterior Classroom C101-C103	Composite sample of soil at foundation at a depth of ½ inch	6.5 (Aroclor 1248/1254)
5/2/13	201305021203-ECC-AG-SOIL-19A/20A		Composite sample of soil at foundation at a depth of 12 inches	0.53 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-19D/20D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.35
5/2/13	201305021203-ECC-AG-SOIL-19B/20B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.22
2/6/13	201302061203-ECC-AG-SOIL-21/22	Exterior Classroom C101	Composite sample of soil at foundation at a depth of ½ inch	4.3 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-21A/22A		Composite sample of soil at foundation at a depth of 12 inches	2.2 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-21D/22D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.37
5/2/13	201305021203-ECC-AG-SOIL-21B/22B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.21
2/6/13	201302061203-ECC-AG-SOIL-23/24	Exterior Classroom B117	Composite sample of soil at foundation at a depth of ½ inch	0.8 (Aroclor 1248/1254)
5/2/13	201305021203-ECC-AG-SOIL-23A/24A		Composite sample of soil at foundation at a depth of 12 inches	0.23 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-23B/24B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.2
2/6/13	201302061203-ECC-AG-SOIL-25/26	Exterior Classroom B117	Composite sample of soil at foundation at a depth of ½ inch	6 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-25A/26A		Composite sample of soil at foundation at a depth of 12 inches	0.52 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-25D/26D		Composite sample of soil at foundation at a depth of 24 inches	0.67 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-25B/26B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/6/13	201302061203-ECC-AG-SOIL-27/28	Exterior Classroom B117-B115	Composite sample of soil at foundation at a depth of ½ inch	5.6 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-27A/28A		Composite sample of soil at foundation at a depth of 12 inches	0.48 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-27B/28B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/6/13	201302061203-ECC-AG-SOIL-29/30	Exterior Classroom B115	Composite sample of soil at foundation at a depth of ½ inch	2.6 (Aroclor 1248/1254)
5/2/13	201305021203-ECC-AG-SOIL-29A/30A		Composite sample of soil at foundation at a depth of 12 inches	1.3 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-29D/30D		Composite sample of soil at foundation at a depth of 24 inches	0.55 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-29B/30B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/6/13	201302061203-ECC-AG-SOIL-31/32	Exterior Classroom B113	Composite sample of soil at foundation at a depth of ½ inch	7 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-31A/32A		Composite sample of soil at foundation at a depth of 12 inches	1.4 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-31D/32D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.38
5/2/13	201305021203-ECC-AG-SOIL-31B/32B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/6/13	201302061203-ECC-AG-SOIL-33/34	Exterior Classroom B111	Composite sample of soil at foundation at a depth of ½ inch	7.2 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-33A/34A		Composite sample of soil at foundation at a depth of 12 inches	1.6 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-33D/34D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.4
5/2/13	201305021203-ECC-AG-SOIL-33B/34B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.2
2/6/13	201302061203-ECC-AG-SOIL-35/36	Exterior Classroom B109	Composite sample of soil at foundation at a depth of ½ inch	1.7 (Aroclor 1248/1254)
5/2/13	201305021203-ECC-AG-SOIL-35A/36A		Composite sample of soil at foundation at a depth of 12 inches	0.6 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-35D/36D		Composite sample of soil at foundation at a depth of 24 inches	1.8 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-35B/36B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/6/13	201302061203-ECC-AG-SOIL-37/38	Exterior Classroom G109-B107	Composite sample of soil at foundation at a depth of ½ inch	6.1 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-37A/38A		Composite sample of soil at foundation at a depth of 12 inches	3.6 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-37D/38D		Composite sample of soil at foundation at a depth of 24 inches	0.79 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-37B/38B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/6/13	201302061203-ECC-AG-SOIL-39/40	Exterior Classroom B107	Composite sample of soil at foundation at a depth of ½ inch	6.5 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-39A/40A		Composite sample of soil at foundation at a depth of 12 inches	4.3 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-39D/40D		Composite sample of soil at foundation at a depth of 24 inches	0.69 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-39B/40B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/6/13	201302061203-ECC-AG-SOIL-41/42	Exterior Classroom G107	Composite sample of soil at foundation at a depth of ½ inch	8.2 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-41A/42A		Composite sample of soil at foundation at a depth of 12 inches	0.91 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-41B/42B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	0.68 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-41C/42C		Composite sample of soil 5 feet away from foundation at a depth of 12 inches	ND <0.36
2/6/13	201302061203-ECC-AG-SOIL-43/44	Exterior Assistant Principal Office at B105	Composite sample of soil at foundation at a depth of ½ inch	1.4 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-43A/44A		Composite sample of soil at foundation at a depth of 12 inches	0.48 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-43B/44B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	0.25 (Aroclor 1248)
2/6/13	201302061203-ECC-AG-SOIL-45/46	Exterior Health Office Exam Room	Composite sample of soil at foundation at a depth of ½ inch	7.7 Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-45A/46A		Composite sample of soil at foundation at a depth of 12 inches	0.43 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-45B/46B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/6/13	201302061203-ECC-AG-SOIL-47/48	Exterior Nurse's Suite at Health Office	Composite sample of soil at foundation at a depth of ½ inch	3.1 (Aroclor 1248)
5/2/13	201305021203-ECC-AG-SOIL-47A/48A		Composite sample of soil at foundation at a depth of 12 inches	0.5 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-47D/48D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.36
5/2/13	201305021203-ECC-AG-SOIL-47B/48B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/6/13	201302061203-ECC-AG-SOIL-49	Exterior Sick Bay at Nurse's Office	Discrete sample of soil at foundation at a depth of ½ inch	ND <0.4
2/6/13	201302061203-ECC-AG-CONCRETE-50/51	Exterior Main Office	Composite sample of concrete at foundation at a depth of ½ inch	ND <0.17
2/6/13	201302061203-ECC-AG-CONCRETE-52/53		Composite sample of concrete at foundation at a depth of ½ inch	ND <0.17
2/6/13	201302061203-ECC-AG-CONCRETE-54/55		Composite sample of concrete at foundation at a depth of ½ inch	ND <0.17
2/6/13	201302061203-ECC-AG-CONCRETE-56/57		Composite sample of concrete at foundation at a depth of ½ inch	ND <0.17
2/6/13	201302061203-ECC-AG-CONCRETE-58	Exterior Theater Room A109	Composite sample of concrete at foundation at a depth of ½ inch	ND <0.34
2/6/13	201302061203-ECC-AG-SOIL-59/60	Exterior Corridor and Choral Room A115	Composite sample of soil at foundation at a depth of ½ inch	ND <0.19

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/6/13	201302061203-ECC-AG-SOIL-61/62	Exterior Corridor and Choral Room A115	Composite sample of soil at foundation at a depth of ½ inch	ND <0.2
2/6/13	201302061203-ECC-AG-SOIL-63/64	Exterior Choral Room A115 and Choral Room A115 Practice Room	Composite sample of soil at foundation at a depth of ½ inch	0.26 (Aroclor 1254)
2/6/13	201302061203-ECC-AG-SOIL-65/66	Exterior Music Room A123 Office	Composite sample of soil at foundation at a depth of ½ inch	ND <0.2
2/6/13	201302061203-ECC-AG-SOIL-67	Exterior Music room A123	Discrete sample of soil at foundation at a depth of ½ inch	ND <0.39
2/6/13	201302061203-ECC-AG-ASPH-68/69		Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.16
2/6/13	201302061203-ECC-AG-ASPH-70/71	Exterior Music Room A123 and Visual Art Room A125	Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.16
2/6/13	201302061203-ECC-AG-ASPH-72/73	Exterior Visual Art Room A125	Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.16
2/7/13	201302061203-ECC-AG-ASPH-74/75		Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.17
2/6/13	201302061203-ECC-AG-CONCRETE-76		Discrete sample of concrete at foundation at a depth of ½ inch	ND < 0.17
2/7/13	201302061203-ECC-AG-ASPH-77/78		Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.17
2/7/13	201302061203-ECC-AG-ASPH-79/80	Exterior Photography Room A127 Darkroom	Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.16
2/7/13	201302061203-ECC-AG-ASPH-81/82	Exterior Keyboard Room A129	Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.16
2/7/13	201302061203-ECC-AG-ASPH-83/84	Exterior Keyboard Room A129-Visual Art Computer Room A130	Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.17
2/7/13	201302061203-ECC-AG-ASPH-85/86	Exterior Visual Art Computer Room A130	Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.17
2/7/13	201302061203-ECC-AG-ASPH-87/88	Exterior Visual Art Computer Room A130 Storage Room-Studio Art Room A131	Composite sample of asphalt at foundation at a depth of ½ inch	0.32 (Aroclor 1248)
2/7/13	201302061203-ECC-AG-ASPH-89/90	Exterior Studio Art Room A131	Composite sample of asphalt at foundation at a depth of ½ inch	0.36 (Aroclor 1248)
2/7/13	201302061203-ECC-AG-ASPH-91/92	Exterior Studio Art Room A131-Faculty Workroom A135	Composite sample of asphalt at foundation at a depth of ½ inch	0.27 (Aroclor 1248)
2/7/13	201302061203-ECC-AG-ASPH-93/95	Exterior Faculty Workroom A135-Faculty Dining F101	Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.17
2/7/13	201302061203-ECC-AG-CONCRETE-94/96	Exterior Cafeteria F105-F107	Composite sample of concrete at foundation at a depth of ½ inch	ND < 0.17
2/7/13	201302061203-ECC-AG-ASPH-97/99		Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.17
2/7/13	201302061203-ECC-AG-ASPH-98/104		Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.17
2/7/13	201302061203-ECC-AG-ASPH-100/101		Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.16
2/7/13	201302061203-ECC-AG-ASPH-102/103		Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.17
2/7/13	201302061203-ECC-AG-ASPH-105	Exterior Kitchen F109	Composite sample of asphalt at foundation at a depth of ½ inch	ND <0.32
2/7/13	201302061203-ECC-AG-SOIL-106/107	Exterior Cafeteria F111-F113	Composite sample of soil at foundation at a depth of ½ inch	12 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-106A/107A		Composite sample of soil at foundation at a depth of 12 inches	14 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-106D/107D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.35
5/3/13	201305021203-ECC-AG-SOIL-106B/107B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/7/13	201302061203-ECC-AG-SOIL-108/109	Exterior Cafeteria F111-F113	Composite sample of soil at foundation at a depth of ½ inch	7.7 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-108A/109A		Composite sample of soil at foundation at a depth of 12 inches	4.1 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-108D/109D		Composite sample of soil at foundation at a depth of 24 inches	0.75 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-108B/109B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.17
2/7/13	201302061203-ECC-AG-SOIL-110/111		Composite sample of soil at foundation at a depth of ½ inch	7.3 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-110A/111A		Composite sample of soil at foundation at a depth of 12 inches	7.5 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-110D/111D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.35
5/3/13	201305021203-ECC-AG-SOIL-110B/111B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-SOIL-112/113		Composite sample of soil at foundation at a depth of ½ inch	3.1 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-112A/113A		Composite sample of soil at foundation at a depth of 12 inches	0.58 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-112D/113D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.35
5/3/13	201305021203-ECC-AG-SOIL-112B/113B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.17
2/7/13	201302061203-ECC-AG-SOIL-114/115		Composite sample of soil at foundation at a depth of ½ inch	0.48 (Aroclor 1248/1254)
2/7/13	201302061203-ECC-AG-SOIL-116/117		Composite sample of soil at foundation at a depth of ½ inch	ND <0.2
2/7/13	201302061203-ECC-AG-SOIL-118/119		Exterior Stairwell-Classroom E101	Composite sample of soil at foundation at a depth of ½ inch
5/3/13	201305021203-ECC-AG-SOIL-118A/119A	Composite sample of soil at foundation at a depth of 12 inches		0.73 (Aroclor 1248/1254)
6/24/13	201306241007-ECC-AG-SOIL-118D/119D	Composite sample of soil at foundation at a depth of 24 inches		ND <0.38
5/3/13	201305021203-ECC-AG-SOIL-118B/119B	Composite sample of soil 5 feet away from foundation at a depth of ½ inch		ND <0.18
2/7/13	201302061203-ECC-AG-SOIL-120/121	Classroom E101	Composite sample of soil at foundation at a depth of ½ inch	7.3 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-120A/121A		Composite sample of soil at foundation at a depth of 12 inches	1.1 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-120D/121D		Composite sample of soil at foundation at a depth of 24 inches	0.38 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-120B/121B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.2

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/7/13	201302061203-ECC-AG-SOIL-122/123	Exterior Classroom E103	Composite sample of soil at foundation at a depth of ½ inch	6.4 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-122A/123A		Composite sample of soil at foundation at a depth of 12 inches	2.2 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-122D/123D		Composite sample of soil at foundation at a depth of 24 inches	0.39 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-122B/123B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-SOIL-124/125		Composite sample of soil at foundation at a depth of ½ inch	7.2 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-124A/125A		Composite sample of soil at foundation at a depth of 12 inches	1.7 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-124D/125D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.36
5/3/13	201305021203-ECC-AG-SOIL-124B/125B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-SOIL-126/127		Exterior Classroom E105	Composite sample of soil at foundation at a depth of ½ inch
5/3/13	201305021203-ECC-AG-SOIL-126A/127A	Composite sample of soil at foundation at a depth of 12 inches		3.6 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-126D/127D	Composite sample of soil at foundation at a depth of 24 inches		ND <0.37
5/3/13	201305021203-ECC-AG-SOIL-126B/127B	Composite sample of soil 5 feet away from foundation at a depth of ½ inch		ND <0.2
2/7/13	201302061203-ECC-AG-SOIL-128/129	Exterior Classroom E107	Composite sample of soil at foundation at a depth of ½ inch	4.4 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-128A/129A		Composite sample of soil at foundation at a depth of 12 inches	0.82 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-128D/129D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.37
5/3/13	201305021203-ECC-AG-SOIL-128B/129B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/7/13	201302061203-ECC-AG-SOIL-130/131	Exterior Classroom H107	Composite sample of soil at foundation at a depth of ½ inch	6.9 (Aroclor 1248)
5/3/13	201305021203-ECCAG-SOIL-130A/131A		Composite sample of soil at foundation at a depth of 12 inches	0.84 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-130D/131D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.39
5/3/13	201305021203-ECCAG-SOIL-130B/131B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/7/13	201302061203-ECC-AG-SOIL-132/133	Exterior Classroom E109	Composite sample of soil at foundation at a depth of ½ inch	8.2 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-132A/133A		Composite sample of soil at foundation at a depth of 12 inches	2.1 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-132D/132D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.4
5/3/13	201305021203-ECC-AG-SOIL-132B/133B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/7/13	201302061203-ECC-AG-SOIL-134/135	Exterior Classroom E111	Composite sample of soil at foundation at a depth of ½ inch	34 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-134A/135A		Composite sample of soil at foundation at a depth of 12 inches	1.5 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-134D/135D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.4
5/3/13	201305021203-ECC-AG-SOIL-134B/135B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.2
2/7/13	201302061203-ECC-AG-SOIL-136/137		Composite sample of soil at foundation at a depth of ½ inch	7.4 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-136A/137A		Composite sample of soil at foundation at a depth of 12 inches	1.3 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-136D/137D		Composite sample of soil at foundation at a depth of 24 inches	0.82 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-136B/137B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-SOIL-138/139		Exterior Classroom E113	Composite sample of soil at foundation at a depth of ½ inch
5/3/13	201305021203-ECC-AG-SOIL-138A/139A	Composite sample of soil at foundation at a depth of 12 inches		1.8 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-138D/139D	Composite sample of soil at foundation at a depth of 24 inches		ND <0.38
5/3/13	201305021203-ECC-AG-SOIL-138B/139B	Composite sample of soil 5 feet away from foundation at a depth of ½ inch		0.27 (Aroclor 1248)
2/7/13	201302061203-ECC-AG-SOIL-140/141	Composite sample of soil at foundation at a depth of ½ inch		0.59 (Aroclor 1248/1254)
5/3/13	201305021203-ECC-AG-SOIL-140A/141A	Composite sample of soil at foundation at a depth of 12 inches		1.7 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-140D/141D	Composite sample of soil at foundation at a depth of 24 inches		ND <0.39
5/3/13	201305021203-ECC-AG-SOIL-140B/141B	Composite sample of soil 5 feet away from foundation at a depth of ½ inch		ND <0.19
2/7/13	201302061203-ECC-AG-BRICK-142/143	Exterior Library F104		Composite sample of brick at foundation at a depth of ½ inch
2/7/13	201302061203-ECC-AG-BRICK-144/145		Composite sample of brick at foundation at a depth of ½ inch	ND <0.17
2/7/13	201302061203-ECC-AG-BRICK-146/147		Composite sample of brick at foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-BRICK-148/149		Composite sample of brick at foundation at a depth of ½ inch	ND <0.17
2/7/13	201302061203-ECC-AG-BRICK-150/151		Composite sample of brick at foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-BRICK-152		Discrete sample of brick at foundation at a depth of ½ inch	ND <0.34
2/7/13	201302061203-ECC-AG-SOIL-153/154		Composite sample of soil at foundation at a depth of ½ inch	ND <0.22
2/7/13	201302061203-ECC-AG-SOIL-155/156		Composite sample of soil at foundation at a depth of ½ inch	ND <0.43
2/7/13	201302061203-ECC-AG-SOIL-156/157		Exterior Classroom E110-H110	Composite sample of soil at foundation at a depth of ½ inch
5/3/13	201305021203-ECC-AG-SOIL-156A/157A	Composite sample of soil at foundation at a depth of 12 inches		0.28 (Aroclor 1260)
5/3/13	201305021203-ECC-AG-SOIL-156B/157B	Composite sample of soil 5 feet away from foundation at a depth of ½ inch		ND <0.19

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/7/13	201302061203-ECC-AG-SOIL-158/159	Exterior Classroom E112	Composite sample of soil at foundation at a depth of ½ inch	1.2 (Aroclor 1248/1254/1260)
5/3/13	201305021203-ECC-AG-SOIL-158A/159A		Composite sample of soil at foundation at a depth of 12 inches	0.35 (Aroclor 1260)
5/3/1	201305021203-ECC-AG-SOIL-158B/159B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/7/13	201302061203-ECC-AG-SOIL-160/161	Exterior Classroom E114	Composite sample of soil at foundation at a depth of ½ inch	6.7 (Aroclor 1260)
5/3/13	201305021203-ECC-AG-SOIL-160A/161A		Composite sample of soil at foundation at a depth of 12 inches	6.6 (Aroclor 1260)
6/24/13	201306241007-ECC-AG-SOIL-160D/161D		Composite sample of soil at foundation at a depth of 24 inches	1.2 (Aroclor 1260)
5/3/13	201305021203-ECC-AG-SOIL-160B/161B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/7/13	201302061203-ECC-AG-SOIL-162/163		Composite sample of soil at foundation at a depth of ½ inch	1.2 (Aroclor 1248/1254)
5/3/13	201305021203-ECC-AG-SOIL-162A/163A		Composite sample of soil at foundation at a depth of 12 inches	ND <0.18
5/3/13	201305021203-ECC-AG-SOIL-162A/163A		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	0.47 (Aroclor 1254)
2/7/13	201302061203-ECC-AG-SOIL-164/165		Exterior Classroom E116	Composite sample of soil at foundation at a depth of ½ inch
5/3/13	201305021203-ECC-AG-SOIL-164A/165A	Composite sample of soil at foundation at a depth of 12 inches		0.94 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-164D/165D	Composite sample of soil at foundation at a depth of 24 inches		ND <0.4
5/3/13	201305021203-ECC-AG-SOIL-164B/165B	Composite sample of soil 5 feet away from foundation at a depth of ½ inch		ND <0.19
2/7/13	201302061203-ECC-AG-SOIL-166/167	Exterior Classroom E118	Composite sample of soil at foundation at a depth of ½ inch	5 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-166A/167A		Composite sample of soil at foundation at a depth of 12 inches	1.2 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-166D/167D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.37
5/3/13	201305021203-ECC-AG-SOIL-166B/167B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/7/13	201302061203-ECC-AG-SOIL-168/169		Composite sample of soil at foundation at a depth of ½ inch	8.1 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-168A/169A		Composite sample of soil at foundation at a depth of 12 inches	0.5 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-168D/169D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.36
5/3/13	201305021203-ECC-AG-SOIL-168B/169B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/7/13	201302061203-ECC-AG-SOIL-170/171	Exterior Classroom E120	Composite sample of soil at foundation at a depth of ½ inch	2.3 (Aroclor 1248/1254)
5/3/13	201305021203-ECC-AG-SOIL-170A/171A		Composite sample of soil at foundation at a depth of 12 inches	0.49 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-170B/171B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/7/13	201302061203-ECC-AG-SOIL-172/173	Exterior Classroom E120	Composite sample of soil at foundation at a depth of ½ inch	4.5 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-172A/173A		Composite sample of soil at foundation at a depth of 12 inches	0.76 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-172D/173D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.38
5/3/13	201305021203-ECC-AG-SOIL-172B/173B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-SOIL-174/175	Exterior Classroom E122	Composite sample of soil at foundation at a depth of ½ inch	5.7 (Aroclor 1248)
5/3/13	201305021203-ECC-AG-SOIL-174A/175A		Composite sample of soil at foundation at a depth of 12 inches	0.81 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-174D/175D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.38
5/3/13	201305021203-ECC-AG-SOIL-174B/175B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.2
2/6/13	201302061203-ECC-AG-CONCRETE-176/177	Exterior Classroom E122-Corridor	Composite sample of concrete at foundation at a depth of ½ inch	ND <0.16
2/6/13	201302061203-ECC-AG-CONCRETE-178/179	Exterior Classroom C120	Composite sample of concrete at foundation at a depth of ½ inch	ND <0.17
2/6/13	201302061203-ECC-AG-CONCRETE-180	Exterior Classroom C118	Discrete sample of concrete at foundation at a depth of ½ inch	ND <0.33
2/7/13	201302061203-ECC-AG-SOIL-181/182		Composite sample of soil at foundation at a depth of ½ inch	5.9 (Aroclor 1248/1254)
5/6/13	201305021203-ECC-AG-SOIL-181A/182A		Composite sample of soil at foundation at a depth of 12 inches	1.1 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-181D/182D		Composite sample of soil at foundation at a depth of 24 inches	0.94 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-181B/182B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.2
2/7/13	201302061203-ECC-AG-SOIL-183/184	Exterior Classroom C116	Composite sample of soil at foundation at a depth of ½ inch	1.8 (Aroclor 1248/1254)
5/6/13	201305021203-ECC-AG-SOIL-183A/184A		Composite sample of soil at foundation at a depth of 12 inches	0.39 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-183B/184B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-SOIL-185		Discrete sample of soil at foundation at a depth of ½ inch	2.9 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-185A		Discrete sample of soil at foundation at a depth of 12 inches	0.45 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-185B		Discrete sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.35
2/7/13	201302061203-ECC-AG-SOIL-186/187		Exterior Classroom C114	Composite sample of soil at foundation at a depth of ½ inch
5/6/13	201305021203-ECC-AG-SOIL-186A/187A	Composite sample of soil at foundation at a depth of 12 inches		0.62 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-186D/187D	Composite sample of soil at foundation at a depth of 24 inches		1.2 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-186B/187B	Composite sample of soil 5 feet away from foundation at a depth of ½ inch		ND <0.18

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/7/13	201302061203-ECC-AG-SOIL-188/189	Exterior Classroom C112-C114	Composite sample of soil at foundation at a depth of ½ inch	2.6 (Aroclor 1248/1254)
5/6/13	201305021203-ECC-AG-SOIL-188A/189A		Composite sample of soil at foundation at a depth of 12 inches	0.62 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-188D/189D		Composite sample of soil at foundation at a depth of 24 inches	0.42 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-188B/189B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-SOIL-190/191	Exterior Classroom C112	Composite sample of soil at foundation at a depth of ½ inch	1.2 (Aroclor 1248/1254)
5/6/13	201305021203-ECC-AG-SOIL-190A/191A		Composite sample of soil at foundation at a depth of 12 inches	1.5 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-190D/191D		Composite sample of soil at foundation at a depth of 24 inches	0.84 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-190B/191B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18
2/7/13	201302061203-ECC-AG-SOIL-192/193	Exterior Classroom C110	Composite sample of soil at foundation at a depth of ½ inch	7.7 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-192A/193A		Composite sample of soil at foundation at a depth of 12 inches	3.9 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-192D/193D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.39
5/6/13	201305021203-ECC-AG-SOIL-192B/193B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.2
2/7/13	201302061203-ECC-AG-SOIL-194/195	Exterior Classroom B122	Composite sample of soil at foundation at a depth of ½ inch	1.5 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-194A/195A		Composite sample of soil at foundation at a depth of 12 inches	ND <0.18
5/6/13	201305021203-ECC-AG-SOIL-194B/195B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/7/13	201302061203-ECC-AG-SOIL-196/197		Composite sample of soil at foundation at a depth of ½ inch	1.4 (Aroclor 1248/1254)
5/6/13	201305021203-ECC-AG-SOIL-196A/197A		Composite sample of soil at foundation at a depth of 12 inches	0.97 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-196D/197D		Composite sample of soil at foundation at a depth of 24 inches	0.61 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-196B/197B	Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18	
2/7/13	201302061203-ECC-AG-SOIL-198/199	Exterior Classroom B120	Composite sample of soil at foundation at a depth of ½ inch	1.4 (Aroclor 1248/1254)
5/6/13	201305021203-ECC-AG-SOIL-198A/199A		Composite sample of soil at foundation at a depth of 12 inches	1.3 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-198D/199D		Composite sample of soil at foundation at a depth of 24 inches	0.5 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-198A/199A		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.18

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/7/13	201302061203-ECC-AG-SOIL-200/201	Exterior Classroom B118-B120	Composite sample of soil at foundation at a depth of ½ inch	6 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-200A/201A		Composite sample of soil at foundation at a depth of 12 inches	1.8 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-200D/201D		Composite sample of soil at foundation at a depth of 24 inches	0.81 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-200B/201B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/7/13	201302061203-ECC-AG-SOIL-202/203	Exterior Classroom B118	Composite sample of soil at foundation at a depth of ½ inch	2 (Aroclor 1248/1254)
5/6/13	201305021203-ECC-AG-SOIL-202A/203A		Composite sample of soil at foundation at a depth of 12 inches	ND <0.18
5/6/13	201305021203-ECC-AG-SOIL-202B/203B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.19
2/7/13	201302061203-ECC-AG-SOIL-204/205	Exterior Classroom B116	Composite sample of soil at foundation at a depth of ½ inch	15 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-204A/205A		Composite sample of soil at foundation at a depth of 12 inches	3.2 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-200D/201D		Composite sample of soil at foundation at a depth of 24 inches	1.8 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-204B/205B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	ND <0.2
2/7/13	201302061203-ECC-AG-SOIL-206/207	Exterior Classroom B114-B116	Soil located a distance of ½ inch away from column at a depth of ½ inch (composite sample of two columns)	4.3 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-206A/207A		Soil located a distance of ½ inch away from column at a depth of 12 inches (composite sample of two columns)	0.41 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-206B/207B		Soil located a distance of 5 feet away from column at a depth of ½ inch (composite sample of two columns)	ND <0.19
2/7/13	201302061203-ECC-AG-SOIL-208/209	Exterior Conference Room	Composite sample of soil at foundation at a depth of ½ inch	1.6 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-208A/209A		Composite sample of soil at foundation at a depth of 12 inches	1.3 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-208D/209D		Composite sample of soil at foundation at a depth of 24 inches	0.69 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-208B/209B		Composite sample of soil 5 feet away from foundation at a depth of ½ inch	3.9 (Aroclor 1260)
6/24/13	201306241007-ECC-AG-SOIL-208C/209C		Composite sample of soil 5 feet away from foundation at a depth of 12 inch	ND <0.36
2/7/13	201302061203-ECC-AG-SOIL-210/211	Exterior Classroom B112	Composite sample of soil at foundation at a depth of ½ inch	1.2 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-210A/211A		Composite sample of soil at foundation at a depth of 12 inches	0.75 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-210D/211D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.36
5/6/13	201305021203-ECC-AG-SOIL-210B/211B		Composite sample of soil 5 feet away from foundation at a depth of 12 inch	ND <0.18

Date Collected	Sample Number(s)	Sampled Location	Material Description	Result (ppm)
2/7/13	201302061203-ECC-AG-SOIL-212/213	Exterior Guidance Office	Composite sample of soil at foundation at a depth of ½ inch	4.9 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-212A/213A		Composite sample of soil at foundation at a depth of 12 inches	1.2 (Aroclor 1248)
6/24/13	201306241007-ECC-AG-SOIL-212D/213D		Composite sample of soil at foundation at a depth of 24 inches	ND <0.34
5/6/13	201305021203-ECC-AG-SOIL-212B/213B		Composite sample of soil 5 feet away from foundation at a depth of 12 inch	ND <0.18
2/7/13	201302061203-ECC-AG-SOIL-214/215		Composite sample of soil at foundation at a depth of ½ inch	6.8 (Aroclor 1248)
5/6/13	201305021203-ECC-AG-SOIL-214A/215A		Composite sample of soil at foundation at a depth of 12 inches	ND <0.18
5/6/13	201305021203-ECC-AG-SOIL-214B/215B		Composite sample of soil 5 feet away from foundation at a depth of 12 inch	ND <0.19

ND – Not detected

3 Remediation Plan

The work described in this Self-Implanting On-Site Cleanup and Disposal Plan shall meet the objectives identified in Section 1.2 Project Objectives in accordance with 40 CFR Part 761.61. The remediation work shall be performed to ensure compliance with EPA Toxic Substance Control Act (TSCA) requirements and protect both public health and the environment.

Materials classified as PCB Bulk Product Waste and PCB Remediation Waste shall be properly disposed in compliance with federal and state regulatory requirements. Refer to *Figures 5-1 – 5-11* for locations requiring PCB abatement.

The proposed abatement activities to be performed by Remediation Contractor shall include the following:

1. Site preparation and controls to facilitate remediation of PCBs.
2. Health and Safety in accordance with Occupation Safety and Health Administration (OSHA) requirements.
3. Recordkeeping and distribution as required in accordance with 40 CFR part 761.62 (b) (5) and 761.125 (c)(5).

PCB ABATEMENT REQUIREMENTS

PCB Bulk Product Waste Removal

PCB-01 – Removal and off-site disposal of exterior concrete column/rooftop coping stone caulking compounds associated as PCB Bulk Product Waste. Following cleaning, encapsulation of caulking joint and six inches of contaminated concrete on each side shall be performed.

PCB-02 - Removal and off-site disposal of exterior expansion caulking compounds as PCB Bulk Product Waste. Removal includes one complete brick on each side of caulking joint.

PCB Remediation Waste Removal

PCB-03 – Removal and off-site disposal of soil as PCB Remediation Waste. Excavation to depths as noted in plan.

<50 PPM PCB Building Waste Removal

PCB-04 – Removal and off-site disposal of exterior vent caulking compounds as <50 PPM PCB Building Waste mixed with Asbestos. Removal includes exterior vent.

- PCB-05 – Removal and off-site disposal of exterior and interior window caulking and glazing compounds associated with older single window systems as <50 PPM PCB Building Waste mixed with Asbestos. Removal includes window frame and glass.
- PCB-06 – Removal and off-site disposal of exterior and interior door/window caulking and glazing compounds associated with stair tower door/window systems as <50 PPM PCB Building Waste mixed with Asbestos. Removal includes door/window frame and glass.
- PCB-07 – Removal and off-site disposal of exterior door caulking compounds associated with older single door systems as <50 PPM PCB Building Waste mixed with Asbestos. Removal includes door frame.
- PCB-08 – Removal and off-site disposal of ceiling tiles as <50 PPM PCB Building Waste.
- PCB-09 – Removal and off-site disposal of black mastic as <50 PPM PCB Building Waste mixed with Asbestos. Removal includes floor tile.
- PCB-010 – Removal and off-site disposal of cove base glue as <50 PPM PCB Building Waste. Removal includes cove base.

Remediation activities to be performed by others shall include the following:

1. Monitoring remediation activities as Owner's representative shall be performed by Fuss & O'Neill EnviroScience.
2. Collection of verification samples in accordance with Sub-part O in accordance with 40 CFR Part 761.61(a) for PCB analysis shall be performed by Fuss & O'Neill EnviroScience representatives.
3. Building renovation and site restoration shall be performed by Owner's general trade's contractor under separate contract following PCB remediation.

Prior to abatement and remediation activities, site preparation and controls shall be established.

PCB Bulk Product Waste will be removed and transported off-site for disposal in accordance with 40 CFR 761.62 (a) or (b). The landfill shall be permitted to accept PCB Bulk Product Waste.

PCB Remediation Waste will be removed and transported off-site for disposal in accordance with 40 CFR 761.61(a)(5)(i)(B)(2) at a facility permitted by the EPA at a hazardous waste landfill permitted by EPA under section 3004 of RCRA, or by a State authorized under section 3006 of RCRA or a chemical waste landfill approved under 40 CFR 761.75 which is an EPA, TSCA approved facility for PCB Remediation Waste.

<50 ppm PCB Building Waste shall be removed and transported off-site for disposal in accordance with CTDEEP regulations.

3.1 Site Preparation and Controls

The work shall be performed in accordance with the attached performance based technical specification section included in *Appendix C*. Prior to initiating PCB Abatement the following site controls will be implemented.

3.1.1 General

- Remediation Contractor shall prepare a site specific work plan as detailed in specification section attached.
- Remediation Contractor shall prepare a Health & Safety Plan (HASP) developed specific to the site and work activities to be performed. All workers shall follow applicable federal and state regulation with regard to work activities, including but not limited to OSHA regulation including personal protection and respiratory protection requirements.
- The project site shall be enclosed by a construction chain link fence. During all remediation activities, Remediation Contractor shall maintain control of all entrances and exits to the project site to ensure only authorized personnel enter the work areas and are afforded proper personal protective equipment and as required respiratory protection.
- All approaches to work areas shall be demarcated with appropriately worded warning signs.
- Work zones shall be established in accordance with technical specification to include abatement zone, decontamination zone, and support zone.

3.1.2 PCB Bulk Product

- Ground protection to prevent debris from escaping the abatement zone and to protect areas outside of abatement zone from PCB contamination shall be utilized. Protection shall include the two layers of 6-mil reinforced polyethylene sheeting securely fastened to foundation.
- All openings to the building interior such as doors, windows, unit ventilation, ducts, and grilles shall be securely sealed with a single layer of 6-mil reinforced polyethylene sheeting from the building exterior.
- Ground protection and isolation barriers shall remain in place throughout work to collect dust and debris resulting from PCB Bulk Product Waste removal. All debris generated during operations including but not limited to visible caulking, dust and debris shall be HEPA vacuumed continuously throughout the work shift and at the end of a work shift to avoid accumulation. Any tears or rips that occur in protections shall be repaired or removed and replaced with new protections. Ground protection and isolation barriers shall not be removed until post-cleaning verification sampling and/or visual inspection has been performed and acceptable results have been achieved.

- All equipment utilized to perform cutting, or demolition of adjacent materials shall be equipped with appropriate dust collection systems.
- All surfaces adjacent to materials removed shall be properly decontaminated upon completing the removal of PCB Bulk Product Wastes. The work to cut and remove exterior brick and will result in dust on surfaces to remain and this dust may contain PCBs. All visible dust shall be removed using HEPA vacuums and wet cleaning methods with solvent or other acceptable products.
- Appropriate PCB waste containers shall be placed adjacent to abatement zone within the construction chain link fence. Containers shall be lined covered and secured. The PCB waste containers shall be properly marked as described in 40 CFR part §761.40. Marking shall include a PCB M_L marker utilizing the format described in 40 CFR part §761.45.

3.1.3 <50 PPM PCB Containing Materials

3.1.3.1 Exterior Materials

The following work area protection shall be utilized for the removal of exterior <50 ppm PCB containing waste:

- Ground protection to prevent debris from escaping the abatement zone and to protect areas outside of abatement zone from PCB contamination shall be utilized. Protection shall include the two layers of 6-mil reinforced polyethylene sheeting securely fastened to foundation.
- Isolation barriers shall be installed on the interior of the building, at the edge of systems scheduled for removal to isolate these systems to the building exterior where work shall be performed. Two layers of 6-mil reinforced polyethylene sheeting shall create the exterior critical barrier between the Abatement Zone and Interior of the Building.
- All other openings to the building interior such as unit ventilation, ducts, and grilles shall be securely sealed with a single layer of 6-mil reinforced polyethylene sheeting from the building exterior.
- Ground protection and isolation barriers shall remain in place throughout work to collect dust and debris resulting from <50 ppm PCB Containing Waste removal. All debris generated during operations including but not limited to visible caulking, dust and debris shall be HEPA vacuumed continuously throughout the work shift and at the end of a work shift to avoid accumulation. Any tears or rips that occur in protections shall be repaired or removed and replaced with new protections. Ground protection and isolation barriers shall not be removed until visual inspection has been performed and acceptable results have been achieved.
- All equipment utilized to perform cutting, or demolition of materials shall be equipped with appropriate dust collection systems.

- All surfaces adjacent to materials removed shall be properly decontaminated upon completing the removal of <50 ppm PCB Containing Materials. All visible dust shall be removed using HEPA vacuums and wet cleaning methods with solvent or other acceptable products.
- Appropriate PCB waste containers shall be placed adjacent to abatement zone within the construction chain link fence. Containers shall be lined covered and secured.

3.1.3.2 Interior Materials

The following work area protection shall be utilized for the removal of interior <50 ppm PCB containing waste:

- Negative pressure containments shall be utilized for removal of interior materials. Containments shall be constructed in the same manner as negative pressure containments utilized for asbestos abatement. See Section 3.2 of 02 82 13 Asbestos Abatement of Construction Specifications for additional information.
- Containments shall remain in place throughout work to collect dust and debris resulting from <50 ppm PCB Containing Waste removal. All debris generated during operations including but not limited to visible floor tile mastic, cove base glue, and ceiling tiles, dust and debris shall be HEPA vacuumed continuously throughout the work shift and at the end of a work shift to avoid accumulation. Any tears or rips that occur in protections shall be repaired or removed and replaced with new protections. Containments shall not be removed until visual inspection and/or asbestos abatement final re-occupancy air testing (if necessary) has been performed and acceptable results have been achieved.
- All equipment utilized to perform cutting, or demolition of materials shall be equipped with appropriate dust collection systems.
- All surfaces adjacent to materials removed shall be properly decontaminated upon completing the removal of <50 ppm PCB Containing Materials. All visible dust shall be removed using HEPA vacuums and wet cleaning methods with solvent or other acceptable products.
- Appropriate PCB waste containers shall be placed adjacent to abatement zone within the construction chain link fence. Containers shall be lined covered and secured.

3.2 Removal Procedures

The following removal procedures shall be utilized to conduct PCB Bulk Product Waste and PCB Remediation Waste removal.

3.2.1 PCB Bulk Product Waste Materials

PCB Bulk Product Waste including exterior and interior window caulking and glazing compounds, metal window frames, window glass, concrete window sills, exterior brick, and interior block shall be handled and removed from specified locations for proper disposal. Materials shall be removed in a manner which does not breakdown the materials into fine dust or powder to the extent feasible. Equipment and tools to be utilized shall include hand tools and mechanical tools attached with HEPA vacuums.

Any dry or brittle materials shall be removed with additional engineering controls such as use of a HEPA vacuum to remove accumulated dust or debris during removal. Once removed, materials shall be placed in lined containers or into appropriate temporary containers such as 6-mil polyethylene disposal bags for controlled transport to PCB waste containers at the end of each work shift. PCB Bulk Product Waste shall be stored for disposal in accordance with 40 CFR 761.65 and marked in accordance with 40 CFR Part 761.40 and 761.45.

Sequence of removal shall follow the following general requirements:

1. Site preparation and controls shall be completed. Work shall not proceed until authorized by Fuss & O'Neill EnviroScience representatives.
2. PCB containing exterior expansion caulking compounds and exterior concrete column/rooftop coping stone caulking compounds shall be removed in their entirety for disposal as PCB Bulk Product Waste.
3. One brick on each side of the exterior expansion caulking compounds shall be removed in their entirety for disposal as PCB Bulk Product Waste.
4. Use a solvent as appropriate to completely remove all visible materials for disposal as PCB Bulk Product.
5. Clean all surface of adjacent materials using appropriate cleaning products or solvents to completely removal all dust and debris.

3.2.2 PCB Remediation Waste –Soil

All soils and concrete designated for removal shall be excavated and transported off-site for disposal as PCB Remediation Waste. Soil removal shall be completed in accordance with 40 CRF Part 761.61(a). The remediation goal is to remove PCB contaminated soils and concrete to meet cleanup concentration of <1ppm. Post-remediation verification sampling of soil shall be conducted by Fuss & O'Neill EnviroScience representatives in all excavation areas to demonstrate that the cleanup goals have been met.

Each of the soil and concrete remediation areas; are easy to access with equipment that would be used in the remediation and it is anticipated that each of the remediation areas will be performed at the same time. An excavator or other similar type of equipment will be used to remove the soil. Equipment utilized for removal shall not be permitted to enter the abatement zone, only the bucket shall be authorized to enter the abatement zone. The vehicle shall not be authorized to enter the work zone due to difficulties in decontaminating wheels that come in contact with contaminated soil.

Soil excavations will be backfilled with certified clean soil meeting the CTDEEP Remediation Standards Regulations (RSRs) for the Residential Direct Exposure Criteria (RDEC) and Groundwater Classification B (GB) Pollutant Mobility Criteria (PMC).

1. Scope for soil sample collection:
 - a. Consultant will review the characterization data of soil being brought on-site
 - b. Collect one composite soil sample (made up of three sample locations) for every 500 cubic yards (CY) of material planned to be brought to the site for use as clean fill.

2. Laboratory analysis of soil characterization shall include the following:
 - a. Volatile Organic Compounds (VOCs by method 8260)
 - b. Polynuclear Aromatic Hydrocarbons (PAHs by method 8270)
 - c. Extractable Total Petroleum Hydrocarbons (ETPH)
 - d. Polychlorinated Biphenyls (PCBs by method 8082)
 - e. Pesticides and Herbicides (by method 8081)
 - f. RSR metals (Mass and SPLP)

Bushes removed during soil excavation shall be replaced in kind.

3.2.3 <50 PPM PCB Containing Materials

<50 ppm PCB containing materials including interior and exterior door/window caulking and glazing compounds, exterior vent caulking compounds, interior and exterior window caulking and glazing compounds, exterior door caulking compounds, ceiling tiles, black mastic, and cove base glue shall be handled and removed from specified locations for proper disposal. Materials shall be removed in a manner which does not breakdown the materials into fine dust or powder to the extent feasible. Equipment and tools to be utilized shall include hand tools and mechanical tools attached with HEPA vacuums.

Any dry or brittle materials shall be removed with additional engineering controls such as use of a HEPA vacuum to remove accumulated dust or debris during removal. Once removed, materials shall be placed in lined containers or into appropriate temporary containers such as 6-mil polyethylene disposal bags for controlled transport to PCB waste containers at the end of each work shift.

Sequence of removal shall follow the following general requirements for removal of <50 ppm PCB Containing Materials

1. Site preparation and controls shall be completed. Work shall not proceed until authorized by Fuss & O'Neill EnviroScience representatives.
2. Removal of <50 ppm PCB containing materials using hand tools and/or mechanical equipment fitted with dust collection systems.
3. Use a solvent as appropriate to completely remove all visible materials for disposal as PCB Waste <50 ppm and asbestos.
4. Clean all surface of adjacent materials using appropriate cleaning products or solvents to completely removal all dust and debris.

3.3 Encapsulation Procedures

Following removal of exterior concrete column/rooftop coping stone caulking compounds and acceptable visual inspection by Fuss & O'Neill EnviroScience representatives, encapsulation of contaminated structural concrete shall be performed.

Encapsulant to be utilized will consist of a two component epoxy primer resin coating with an aliphatic polyurethane top coat (Sikagard 62 & Sikalastic 735AL or equivalent), applied in accordance with manufacturer's instructions. Encapsulant shall be applied to surface a minimum distance of 6 inches from each side of caulking joint onto substrate and to the full depth of joints. Note Encapsulant will be painted over so application shall be smooth and continuous.

3.4 Post-Cleaning Verification Sampling Plan

Following the completion of the PCB Bulk Product and Remediation Waste removal, Fuss & O'Neill EnviroScience representatives, shall implement the following verification sampling plan in accordance with 40 CFR Part 761.61 and to the extent applicable Sub-Part O and Sub-Part P.

3.4.1 Visual Inspection

Upon completion of work, a visual inspection of all remediated surfaces for visible evidence of dust and debris shall be performed. The visual inspection shall provide in a preliminary visual way, verification that remediation work has been completed in accordance with this Self-Implementing On-Site Cleanup and Disposal Plan.

Visual inspection shall ensure no visible dust or debris is present on adjacent surfaces. In addition to the remediation surfaces the surfaces of protective coverings and isolation barriers shall be inspected to ensure they are cleaned of dust and debris.

3.4.2 Porous Exterior Brick Surfaces

Exterior brick shall be evaluated to verify that removal of PCB Bulk Product Waste has resulted in surfaces with ≤ 1 ppm for unrestricted use based on high occupancy use of the structure. Fuss & O'Neill EnviroScience representatives shall use the EPA "Standard Operating Procedures for Sampling Porous Surfaces for Polychlorinated Biphenyls" Dated May 5, 2011, as a guide to collect post-cleaning verification samples. The areas to be sampled shall be representative of the variety of conditions identified. Appropriate control samples shall also be collected.

Verification sampling of the remaining brick shall be performed in accordance with a modified Sub-Part O method and compared to clean-up standards required by the EPA of < 1 ppm for unrestricted use. Post-cleaning verification samples shall be collected in a 1.5 meter (five foot) linear pattern.

This protocol based on the total estimated area of the remediation required shall result in an estimated 32 discrete post-remediation verification samples. In addition 5% duplicate samples will be collected. The discrete samples will be composited using a maximum of four discrete samples.

Each composite sample result will be multiplied by number of sampling points in the composite sample to determine the “corrected” composite sample result. “Corrected” results shall be compared to the clearance objective which for unrestricted use shall be <1 ppm. If any location exceeds this clearance objective, additional cleaning and discrete post-cleaning verification sampling will be conducted.

A total of 8 composite samples are estimated for post-cleaning verification and analysis. The laboratory shall be an accredited laboratory for PCB analysis. The analysis method shall include extraction using EPA Method 3540C (Soxhlet Extraction) and analysis method SW846 8082.

3.4.3 Soil

Verification samples will be collected as per Sub-Part O following excavation and removal of specified depths of soil. All samples generated will be from sample locations using the 1.5 meter by 1.5 meter (Subpart O) sampling grid. Soil samples collected from the base of the excavations will consist of surficial soil.

This protocol based on the total estimated area of the excavation required shall result in an estimated 270 discrete post-remediation verification samples. In addition 5% duplicate samples will be collected. The discrete samples will be composited using a maximum of four discrete samples.

Each composite sample result will be multiplied by number of sampling points in the composite sample to determine the “corrected” composite sample result. “Corrected” results shall be compared to the clearance objective of < 1ppm

A total of 68 composite samples are estimated for post-cleaning verification and analysis. The laboratory shall be an accredited laboratory for PCB analysis. The analysis method shall include extraction using EPA Method 3540C (Soxhlet Extraction) and analysis method SW846 8082.

Soil excavations will be backfilled with certified clean soil meeting the CTDEEP Remediation Standards Regulations (RSRs) for the Residential Direct Exposure Criteria (RDEC) and Groundwater Classification B (GB) Pollutant Mobility Criteria (PMC). Additionally, bushes removed during soil excavation shall be replaced in kind.

3.4.4 Encapsulated Surfaces

Encapsulated surfaces are to remain and wipe samples shall be collected from the surfaces in a modified approach to Sub-Part P of 40 CFR Part 761 following encapsulation according to manufacturer specifications.

The surfaces to be verified are irregular shaped and requirements for sample location and quantity as detailed in Sub-part P shall be applied in a linear fashion in lieu of a grid pattern. Additionally, a variance request for verification sampling every 50 linear feet in lieu of the three foot linear pattern is being requested.

A sample will be collected from each point on the linear line and analyzed as a discrete sample along with 5% duplicate samples and 10% blank samples.

Each discrete sample shall be compared to the clearance objective of $<10 \text{ ug}/100 \text{ cm}^2$. If any location exceeds this clearance objective, additional encapsulation and discrete post-cleaning verification sampling every three feet will be conducted.

A total of 360 discrete samples are estimated for verification and shall be collected along with 5% duplicate samples and 10% blank samples. The laboratory shall be an accredited laboratory for PCB analysis. The analysis method shall include extraction using EPA Method 3540C (Soxhlet Extraction) and analysis method SW846 8082.

4 Schedule and Plan Certification

It is the intent of the Owner (City of Bridgeport) to begin the removal of PCB Bulk Product Materials and PCB Remediation Waste during proposed construction scheduled to start in 2014. The City of Bridgeport is scheduled to begin the bid process for this project during December 2013, and requires the Approval for this Self-Implementing On-Site Cleanup and Disposal Plan prior to bidding the project.

The project is split up into eight phases. It is anticipated Phase I will be begin in April 2014 and Phase VIII will be finished in November 2015.

The Owner hereby certifies that all the sampling plans, sample collection procedures, sample preparation procedures, extraction procedures and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the cleanup site, are on file at the School and available for EPA inspection.

Correspondences of final approvals or actions should be addressed to:

Robert Hedman
School Construction Department
City of Bridgeport
City Hall, 999 Broad Street
Bridgeport, CT 06604
(203) 576-7217
robert.hedman@bridgeportct.gov

Owner's Representative
Robert Hedman

Date

Fuss & O'Neill EnviroScience, LLC Representative
Kevin McCarthy, Project Manager

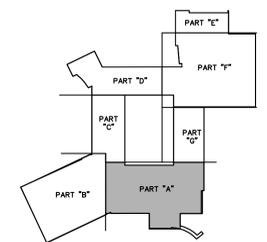
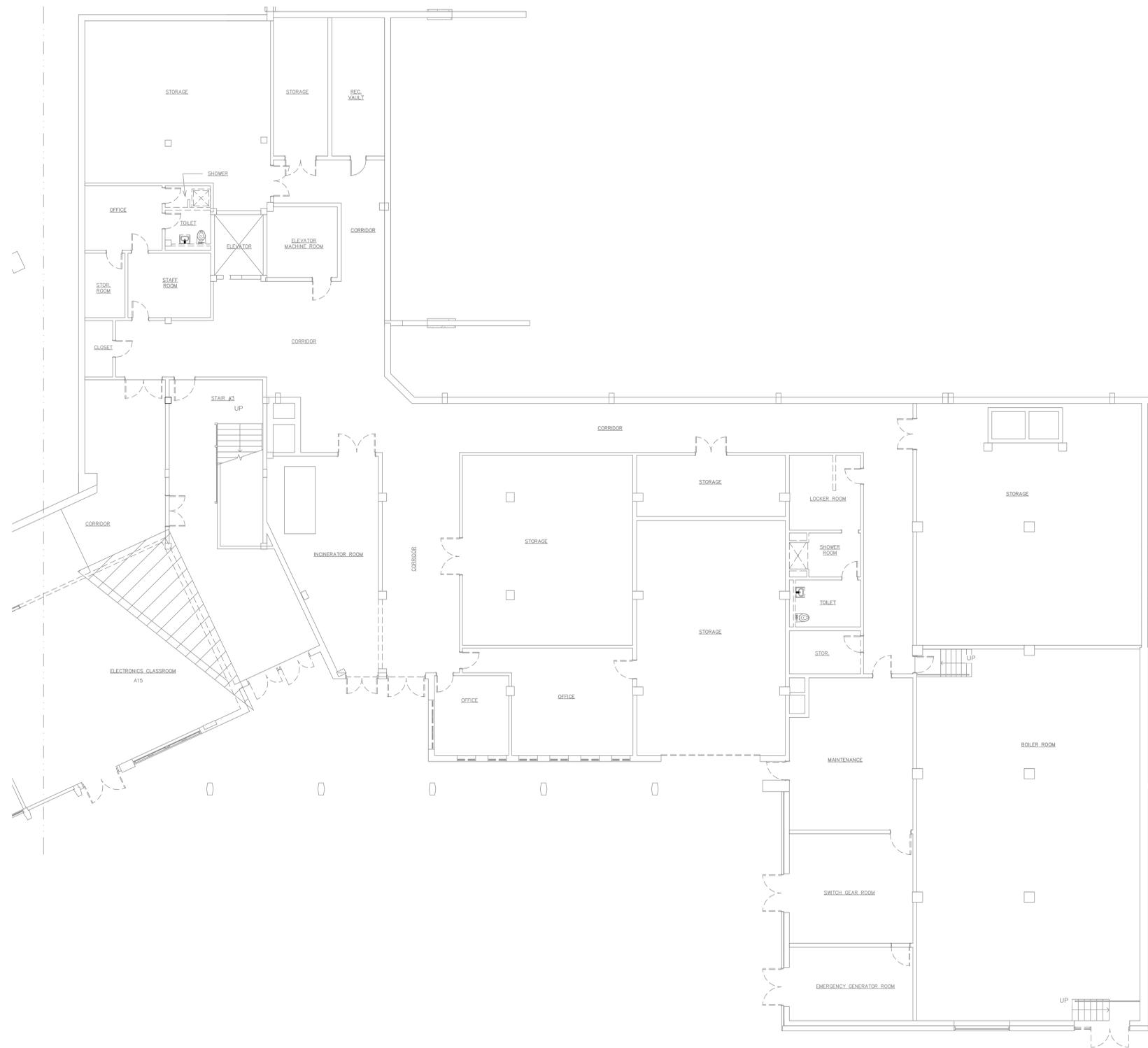
Date

Remediation Contractor Representative
To be determined

Date

Figures

File Path: J:\DWG\20110793\A2E\Xrefs\0110793\A2E_FLR03_CHS_LOW.LEV.dwg Layout: FIG1-1 Plotted: Thu, September 05, 2013 - 3:38 PM User: sironis
 MS VIEW: LAYER STATE: Plotter: NONE CTB File: F.O.STB



SITE PLAN PART A - LOWER LEVEL
 1/8" = 1'-0" 1
FIG1-1

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL	SEAL	

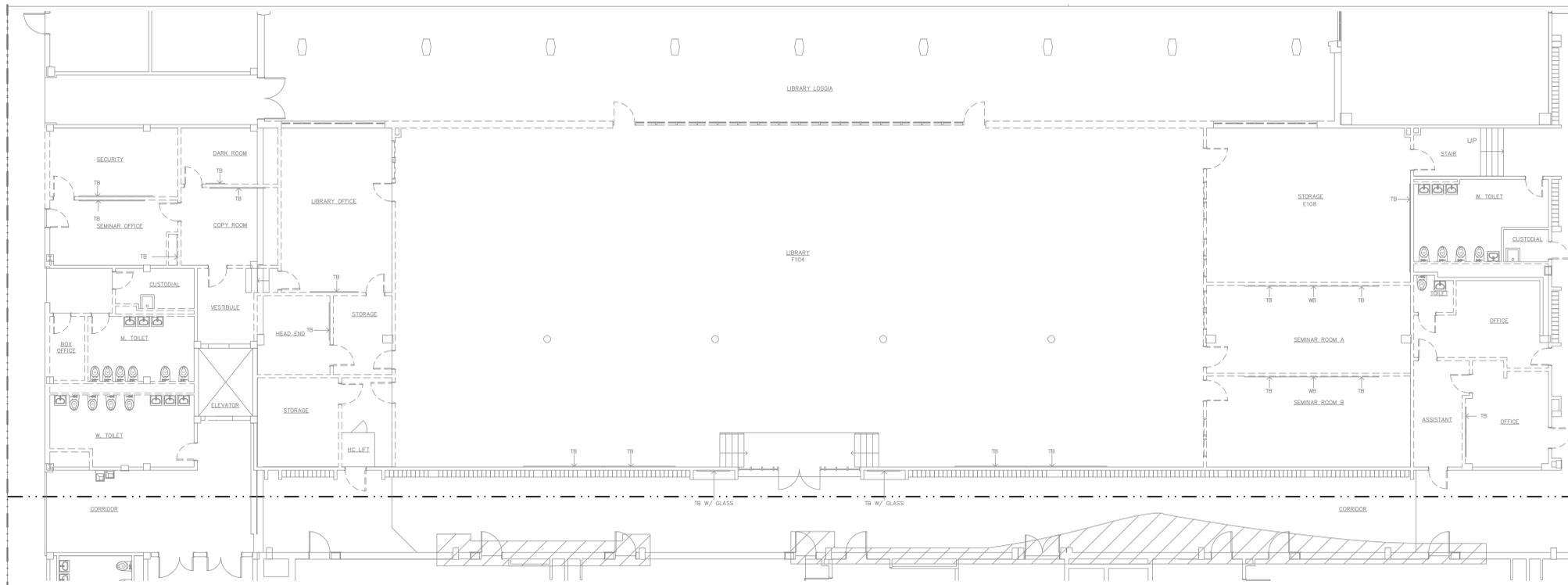
SCALE:
 HORZ.: 1/8" = 1'-0"
 VERT.:
 DATUM:
 HORZ.:
 VERT.:

1/8" 0 1/8"
 GRAPHIC SCALE

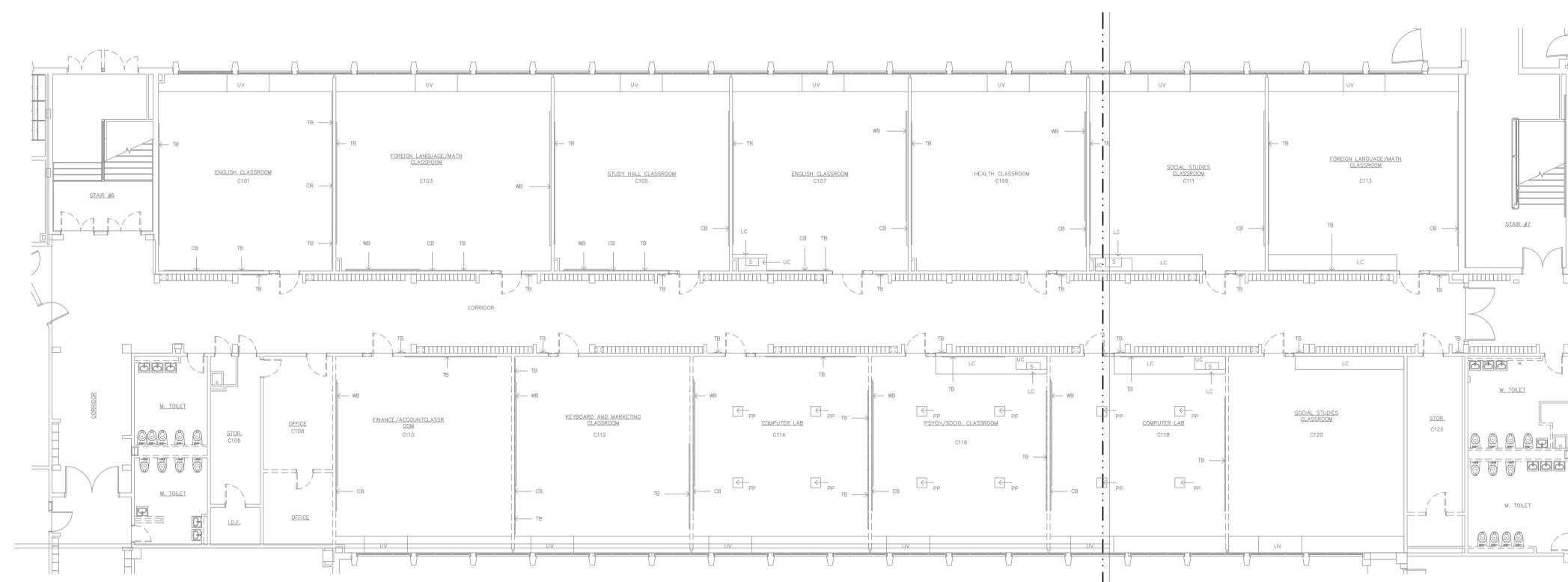
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CITY OF BRIDGEPORT
 LOWER LEVEL SITE PLAN
 PART A
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

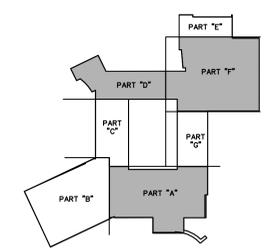
PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013
FIG 1-1



SITE PLAN PART A -- MAIN LEVEL
 1/8" = 1'-0" 1 FIG.1-3



SITE PLAN PART D & F -- MAIN LEVEL
 1/8" = 1'-0" 2 FIG.1-3



File Path: J:\DWG\20110793\A2E\Xref\5\0110793\A2E_MAIN LEVEL.dwg Layout: FIG.1-3 Plotted: Thu, September 05, 2013 - 3:38 PM User: alions
 MS VIEW: LAYER: DWG TO PDF PC3 CTB File: FO 2008.MONO.CTB

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL	SEAL	
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SCALE:

HORIZ.: 1/8" = 1'-0"
VERT.:
DATUM:
HORIZ.:
VERT.:

1/8" 0 1/8"

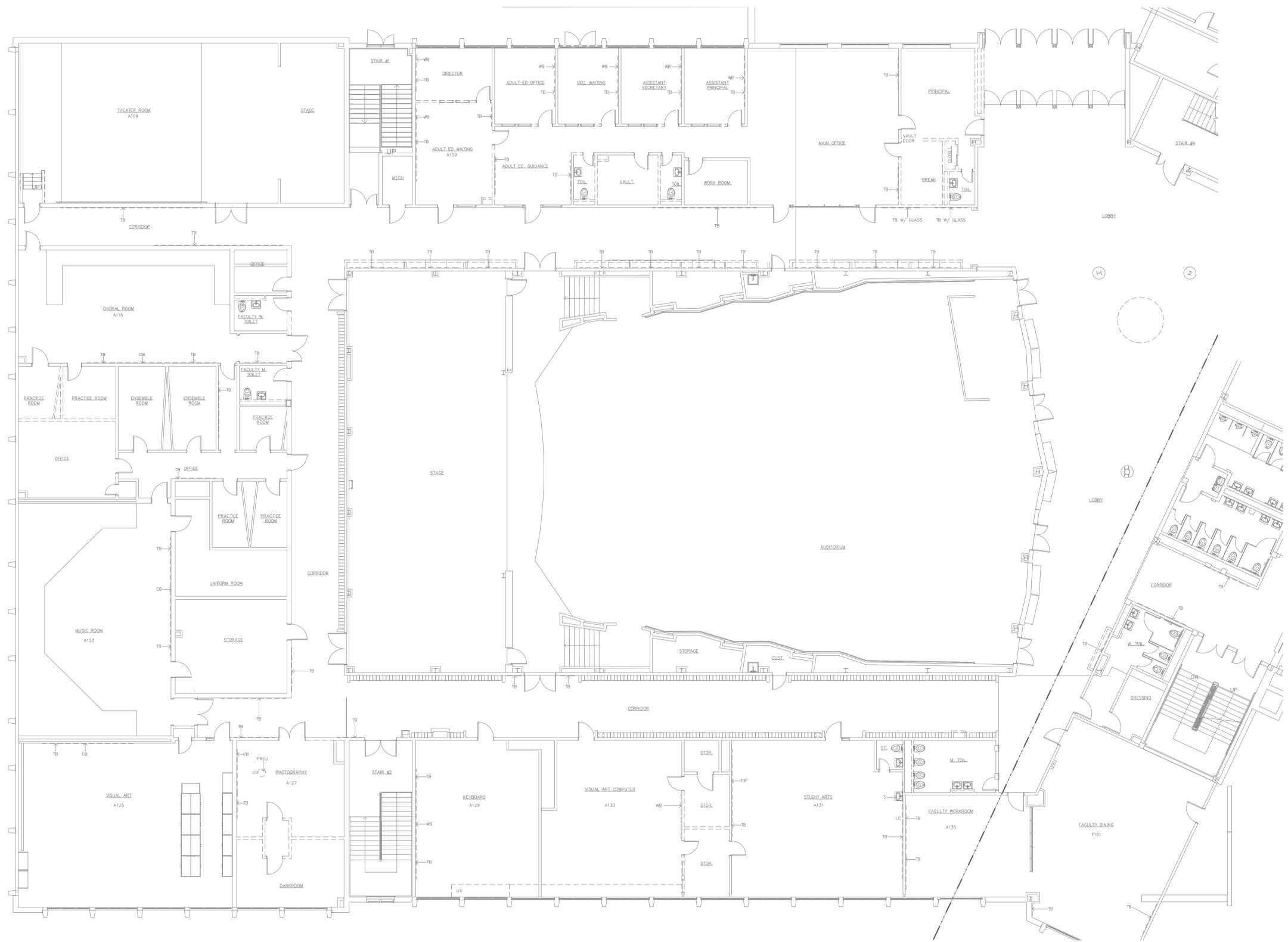
GRAPHIC SCALE

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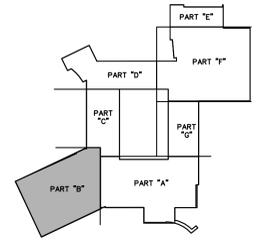
CITY OF BRIDGEPORT
 MAIN LEVEL SITE PLAN
 PART A, D, & F
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013
FIG. 1-3

File Path: J:\DWG\201107\93\A2E\Xref\5\0110793A2E_FLR04_CHS_MAIN.LEV.dwg | Layout: FIG 1-4 | Plotted: Thu, September 05, 2013 - 3:39 PM | User: aaron | Plotter: DWG TO PDF PLOT3 | CTB File: FO 2008.MONO.CTB | LAYER STATE:



SITE PLAN PART B - MAIN LEVEL
 NORTH
 1/8" = 1'-0"
 1
 FIG 1-4



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL	
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SCALE:

HORIZ.: 1/8" = 1'-0"

VERT.: _____

DATUM: _____

HORIZ.: _____

VERT.: _____

1/8" 0 1/8"

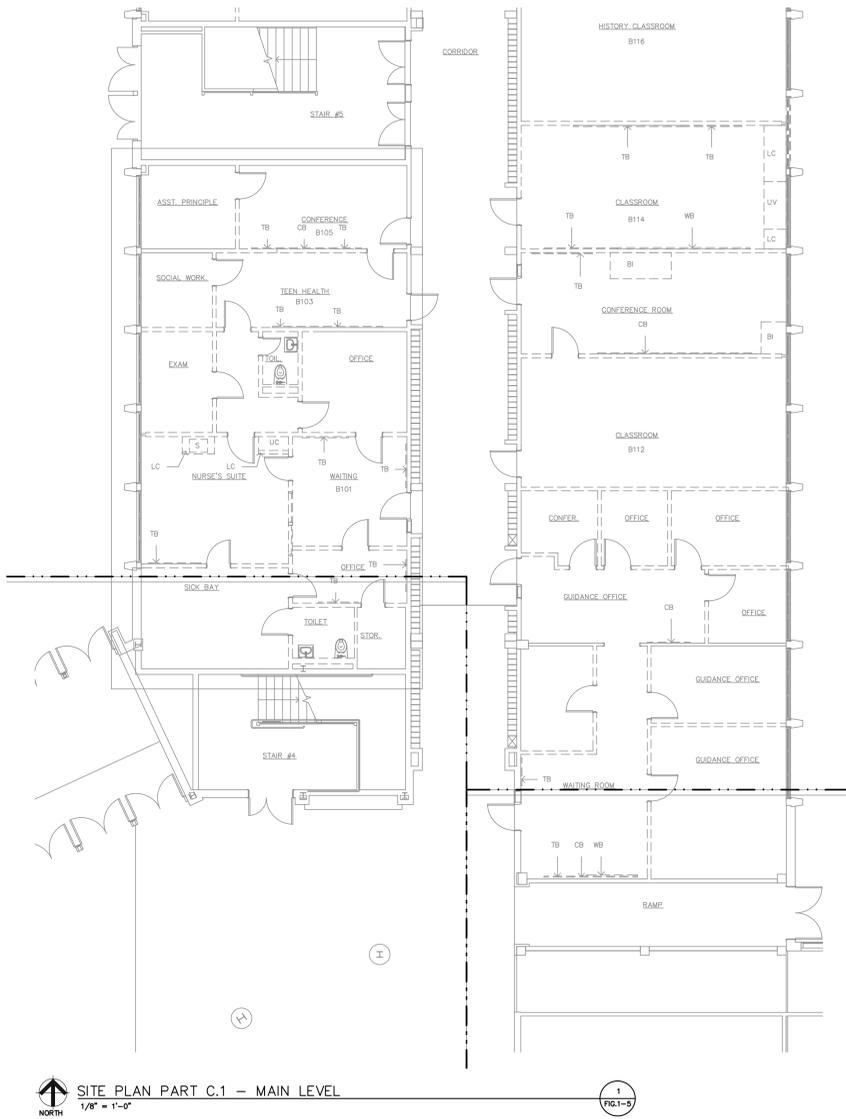
GRAPHIC SCALE

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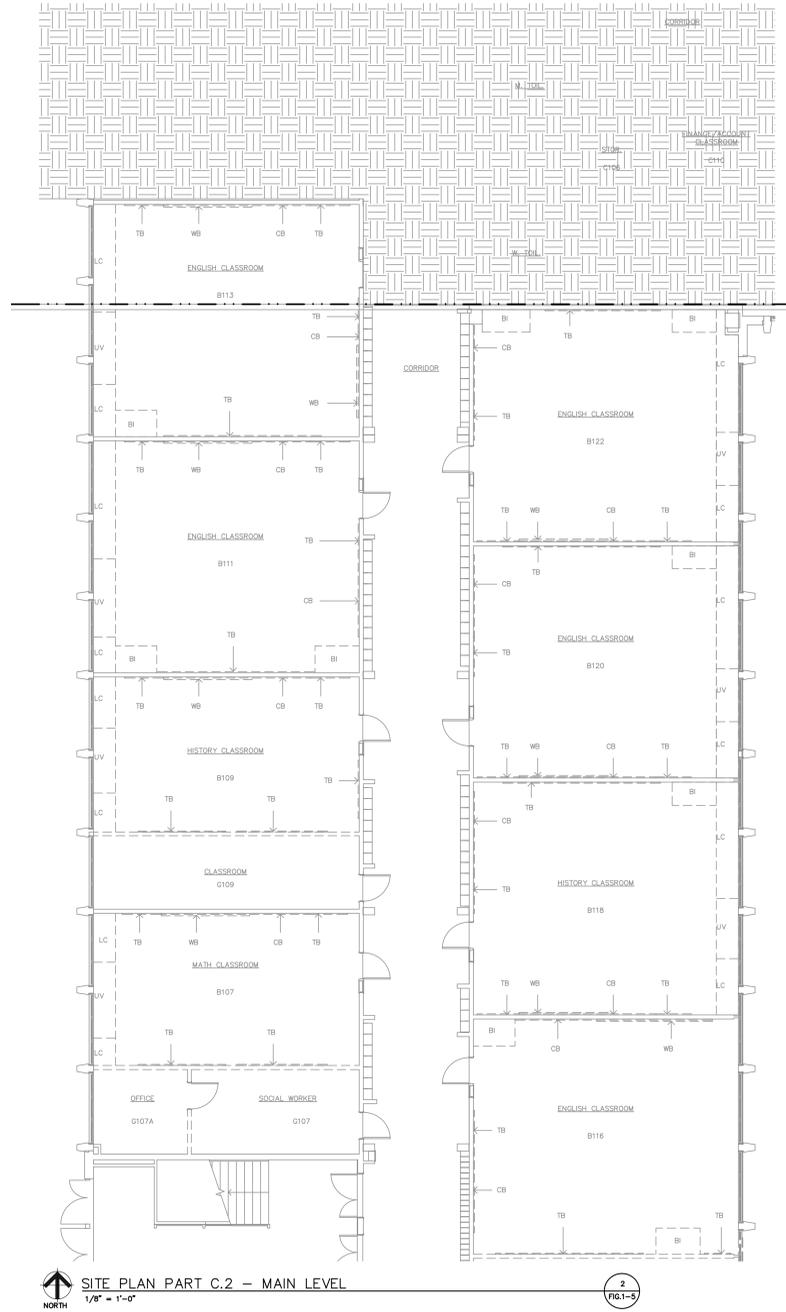
CITY OF BRIDGEPORT
 MAIN LEVEL SITE PLAN
 PART B
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013
FIG. 1-4

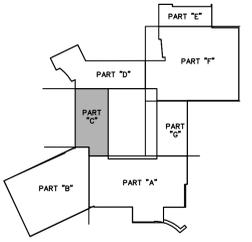
File Path: J:\DWG\2013\10759343E\10759343E.dwg | Project: Thu, September 05, 2013, 3:39 PM | User: alrons
 LMS VIEW: | Plotter: DWG TO PDF.PLOT | CTB File: FO 2008 MONO.CTB | LAYER STATE:



NORTH
 1/8" = 1'-0"
 SITE PLAN PART C.1 -- MAIN LEVEL
 1
 FIG. 1-5

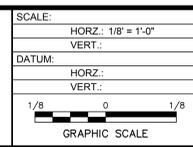


NORTH
 1/8" = 1'-0"
 SITE PLAN PART C.2 -- MAIN LEVEL
 2
 FIG. 1-5



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL	SEAL	
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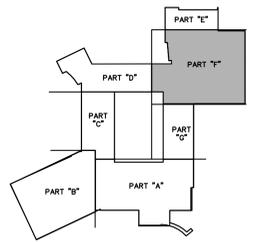
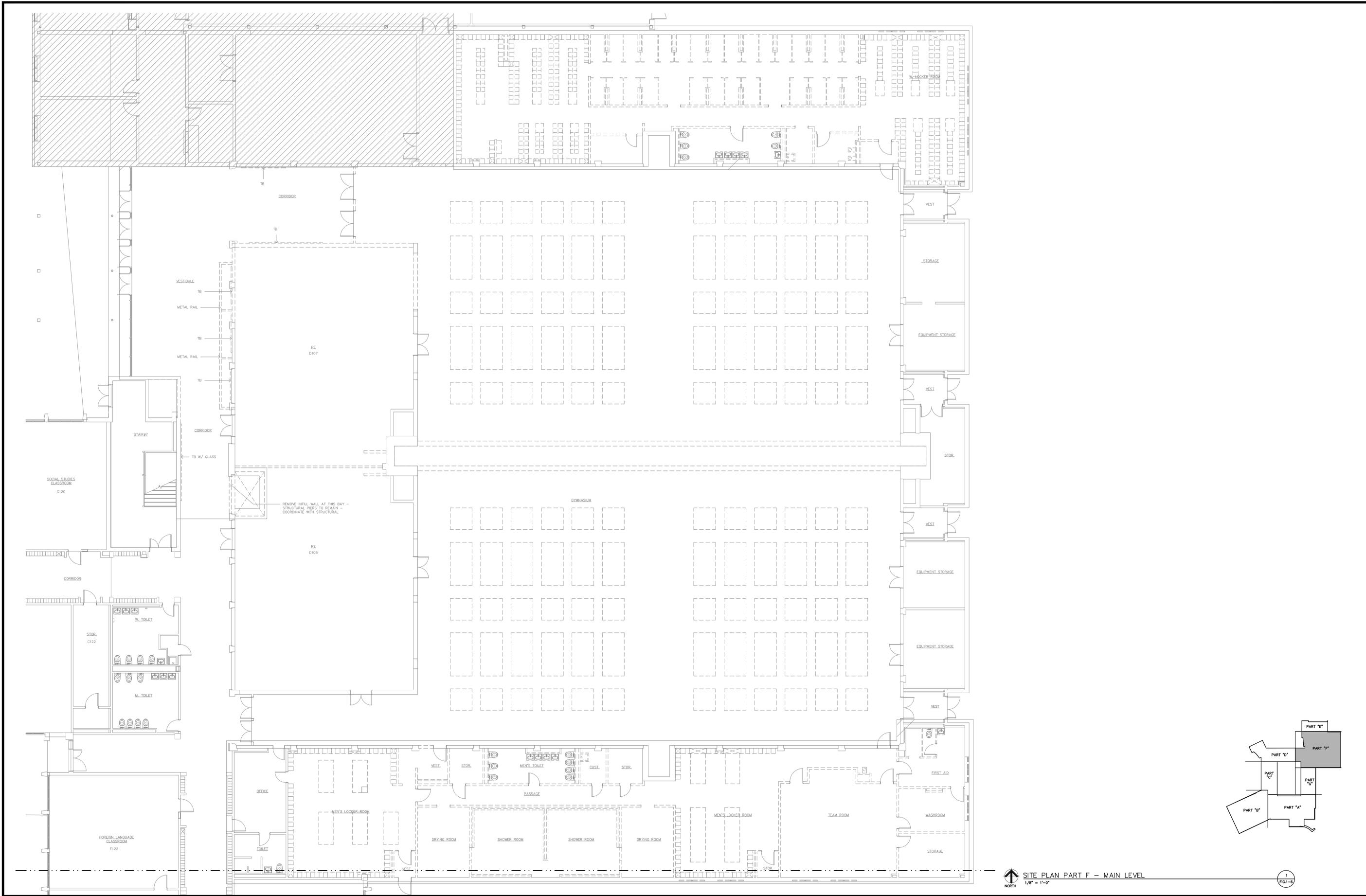


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 PART C
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT
 1 LINCOLN BLVD.

PROJ. No.: 20110793 A2E
 DATE: SEPTEMBER 2013
FIG. 1-5

File Path: J:\DWG\201107\93\A2E\Xref\15\0110793\A2E_FLR04_CHS_MAIN.LEV.dwg Layout: FIG 1-6 Plotted: Thu, September 05, 2013 - 3:39 PM User: alions
 MS VIEW: LAYER STATE: CTB File: FO 2008.MONO.CTB



SITE PLAN PART F - MAIN LEVEL
 1/8" = 1'-0"

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL	
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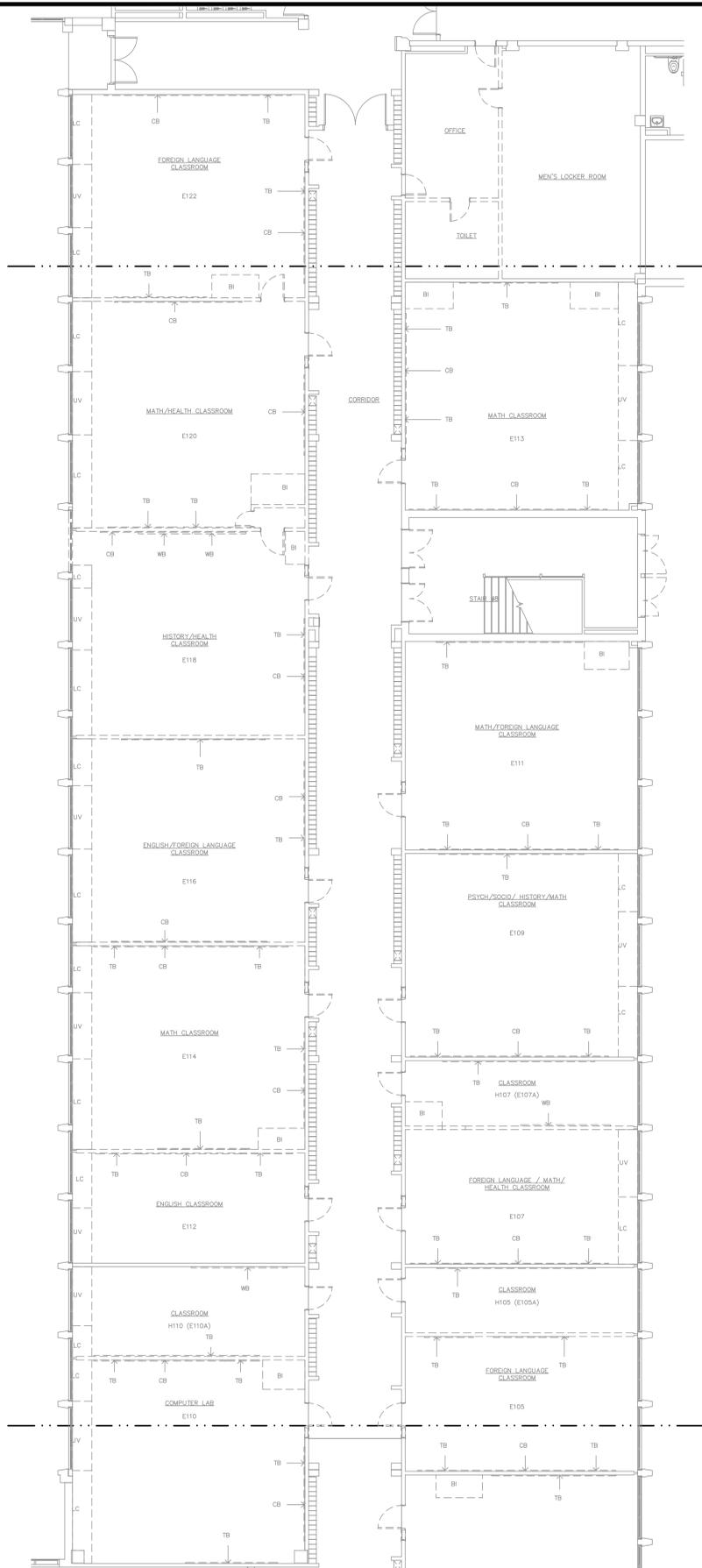
SCALE:
 HORZ.: 1/8" = 1'-0"
 VERT.:
 DATUM:
 HORZ.:
 VERT.:
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 GRAPHIC SCALE

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 PART F
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

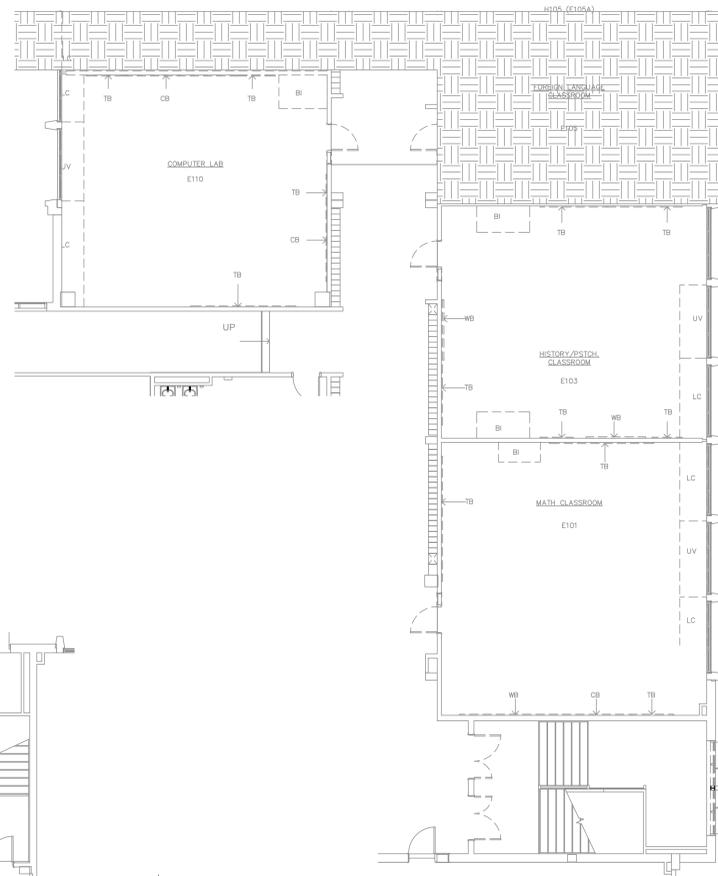
PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013
FIG. 1-6

File Path: J:\DWG\20110793\A2E\Xref\5\0110793\A2E_FLR04_CHS_MAIN.LEV.dwg Layout: FIG1-8 Plotted: Thu, September 05, 2013 - 3:39 PM User: alicon
 MS VIEW: Plotter: DWG TO PDF PC3 CTB File: FO 2008.MONO.CTB
 LAYER STATE:



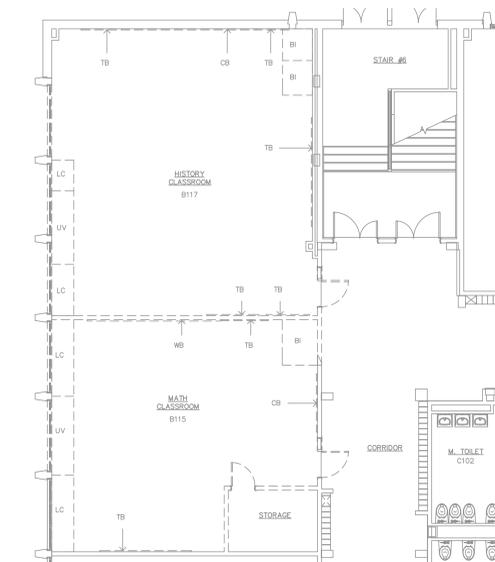
SITE PLAN PART G - MAIN LEVEL
 1/8" = 1'-0"
 NORTH

4
 FIG1-8



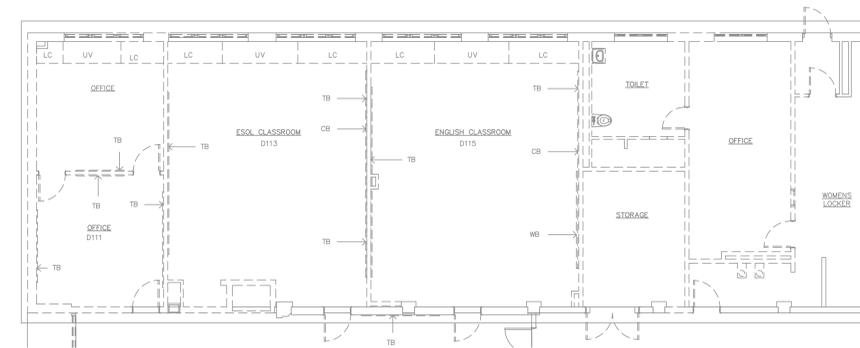
SITE PLAN PART G.2 - MAIN LEVEL
 1/8" = 1'-0"
 NORTH

3
 FIG1-8



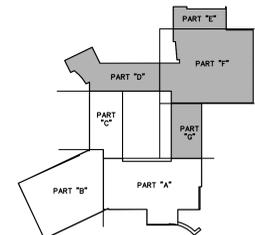
SITE PLAN - MEDIA CENTER
 1/8" = 1'-0"
 NORTH

2
 FIG1-8



SITE PLAN - AUX GYM
 1/8" = 1'-0"
 NORTH

1
 FIG1-8



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
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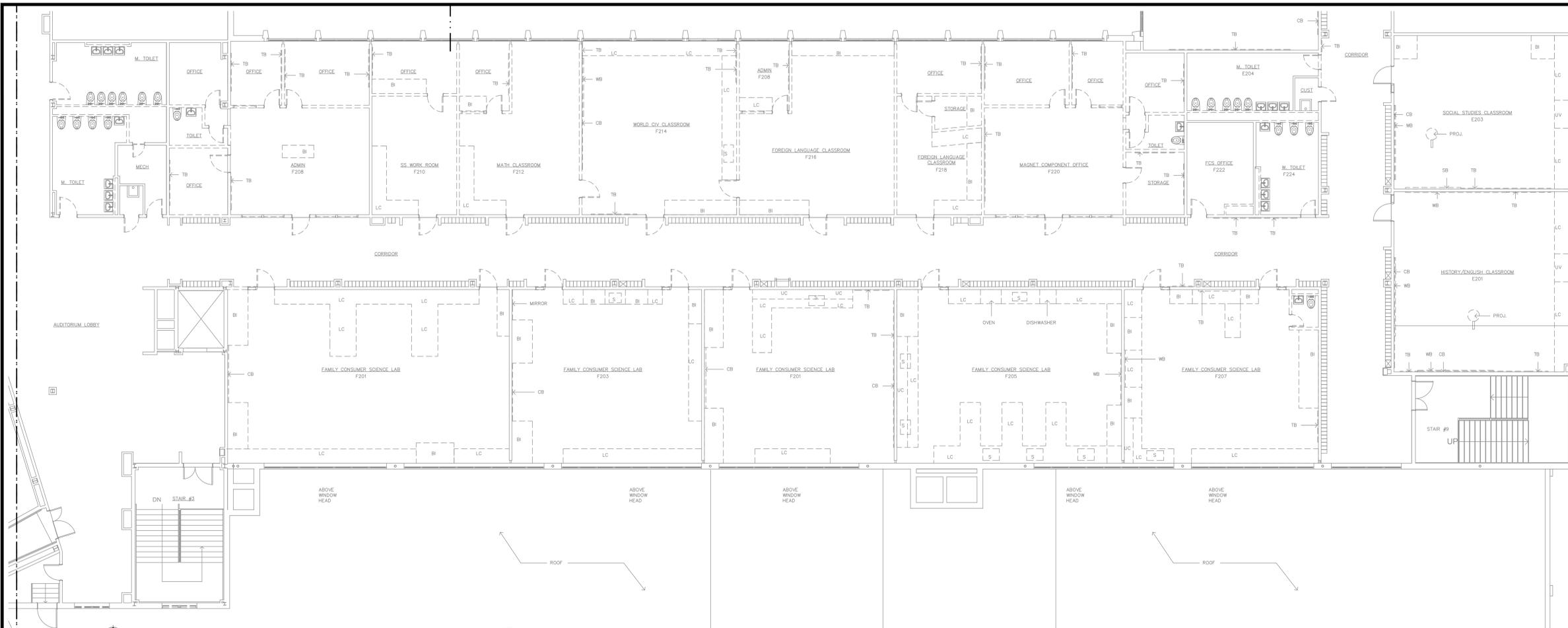
SEAL	SEAL
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SCALE:	HORZ.: 1/8" = 1'-0"
	VERT.:
DATUM:	HORZ.:
	VERT.:
1/8" 0 1/8"	
GRAPHIC SCALE	

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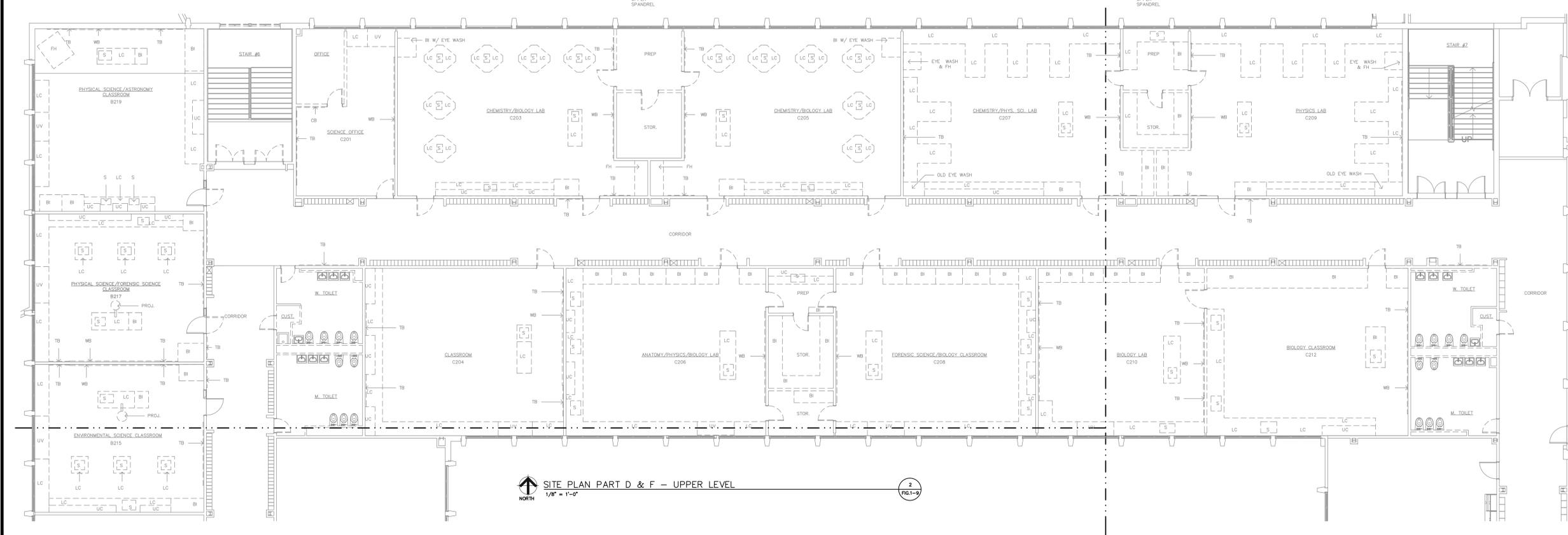
CITY OF BRIDGEPORT
 MAIN LEVEL SITE PLAN
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013
FIG. 1-8

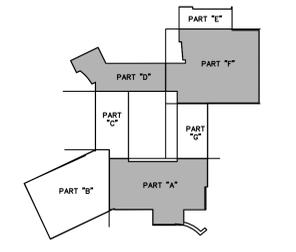


SITE PLAN PART A - UPPER LEVEL
 1/8" = 1'-0"
 1
 FIG. 1-9

HAZARDOUS MATERIALS
 ABATEMENT NOTES / KEY
 -SEE OTHER HM SHEETS THIS SET



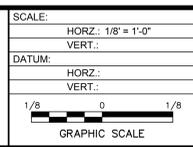
SITE PLAN PART D & F - UPPER LEVEL
 1/8" = 1'-0"
 2
 FIG. 1-9



File Path: J:\DWG\2011\0793\A2E\Xref\15\0110793A2E_FLR05_CHS_UP_LEV.dwg Layout: FIG.1-9 Plotted: Thu, September 05, 2013 - 3:39 PM User: sironis
 MS VIEW: LAYER STATE: Plotter: DWG TO PDF PLOT3 CTB File: FO 2008.MONO.CTB

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL	SEAL	
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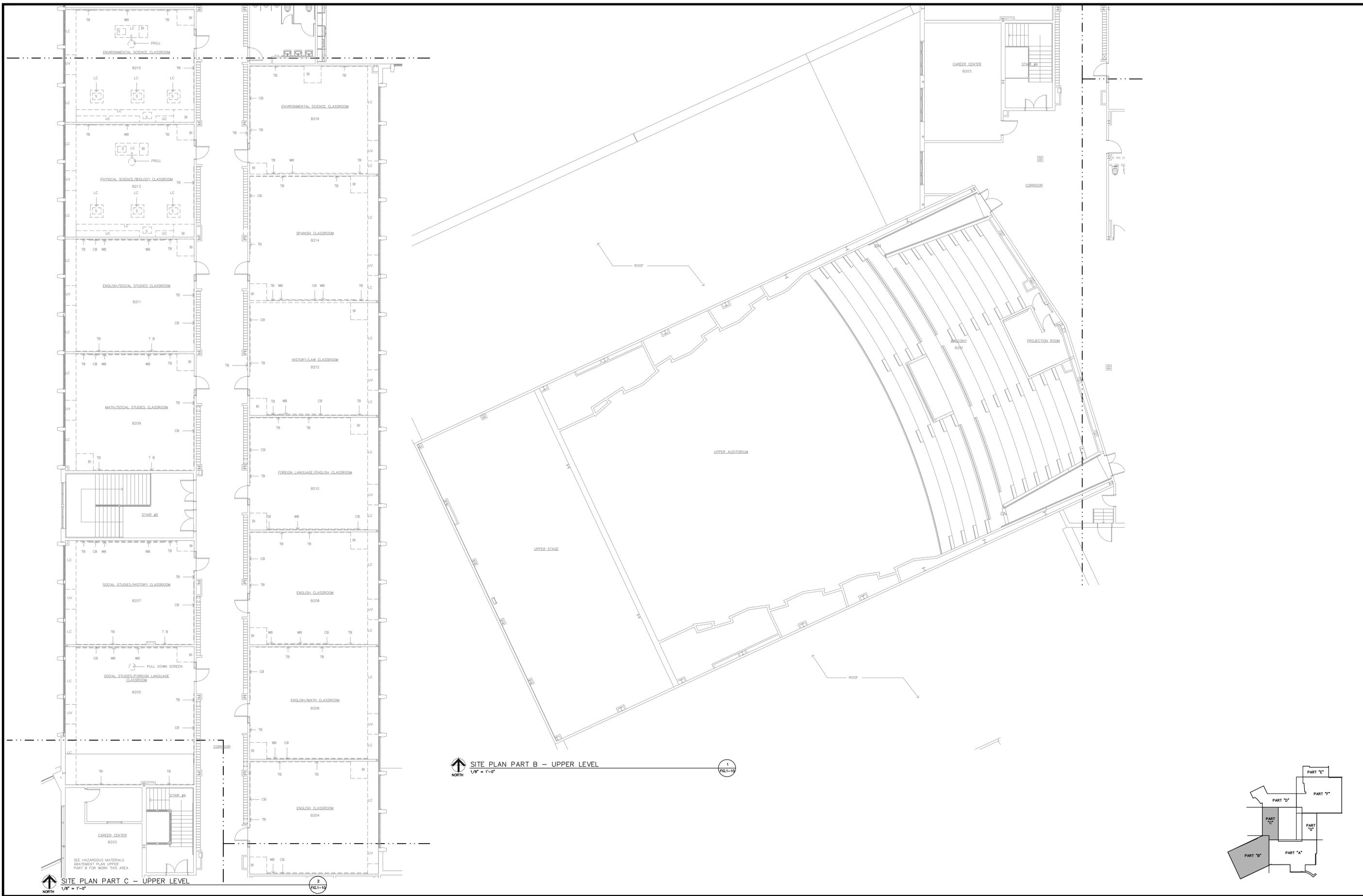


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 UPPER LEVEL SITE PLAN
 PART A, D, & F
 CENTRAL HIGH SCHOOL
 1 LINCOLN BLVD.
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013
FIG. 1-9

File Path: J:\DWG\20110793\A2E\Xref\1010793\A2E_CHS_UP_LEV.dwg Layout: FIG-10 Plotted: Thu, September 05, 2013 - 3:39 PM User: stions
 MS VIEW: Layer: DWG TO PDF PC3 CTB File: FO 2008.MONO.CTB
 LAYER STATE:



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL	
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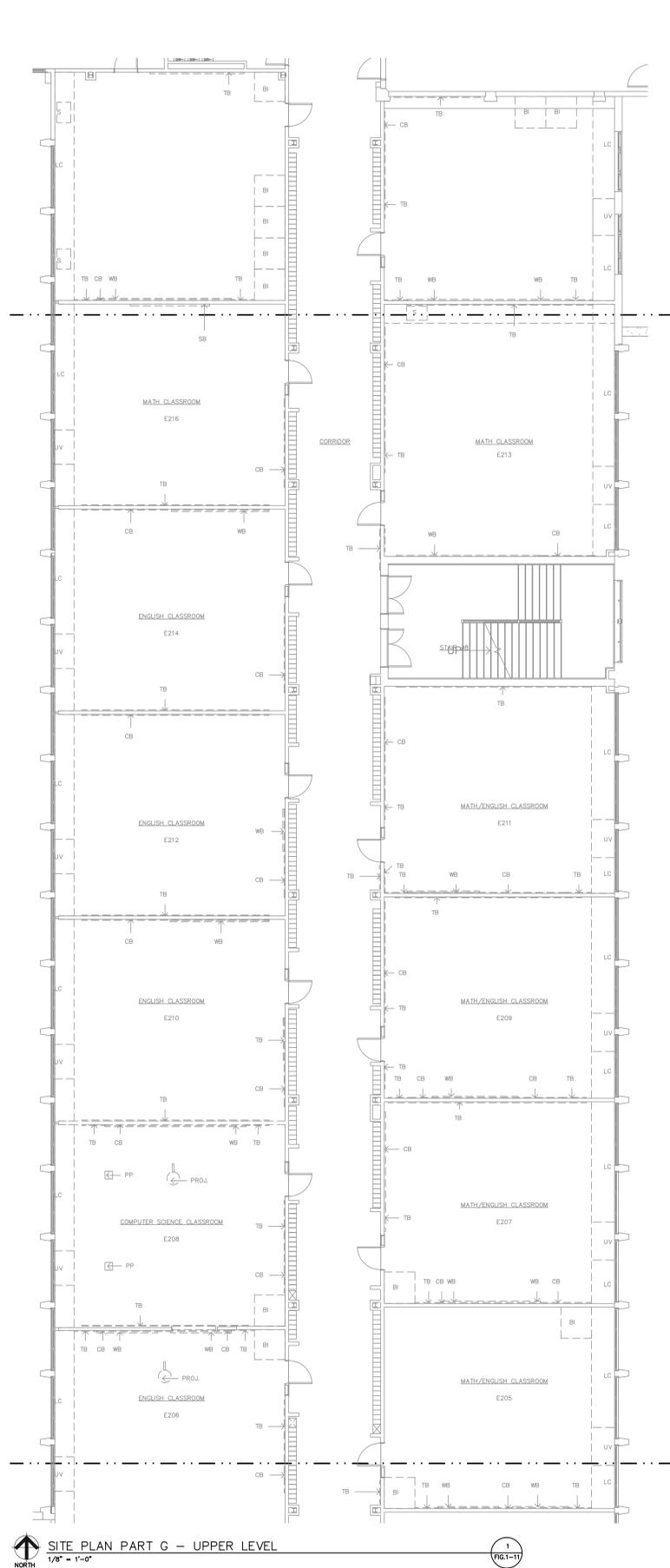
SCALE:	HORIZ.: 1/8" = 1'-0"
	VERT.:
DATUM:	HORIZ.:
	VERT.:
1/8" 0 1/8"	
GRAPHIC SCALE	

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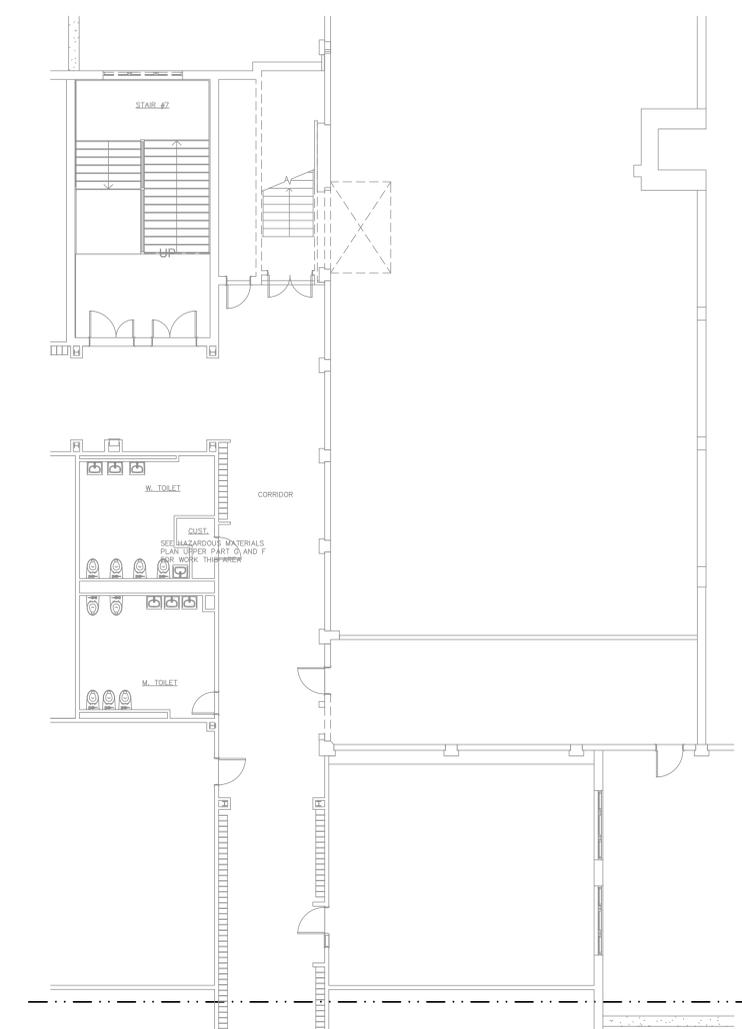
CITY OF BRIDGEPORT
 UPPER LEVEL SITE PLAN
 PART B & G
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013
FIG. 1-10

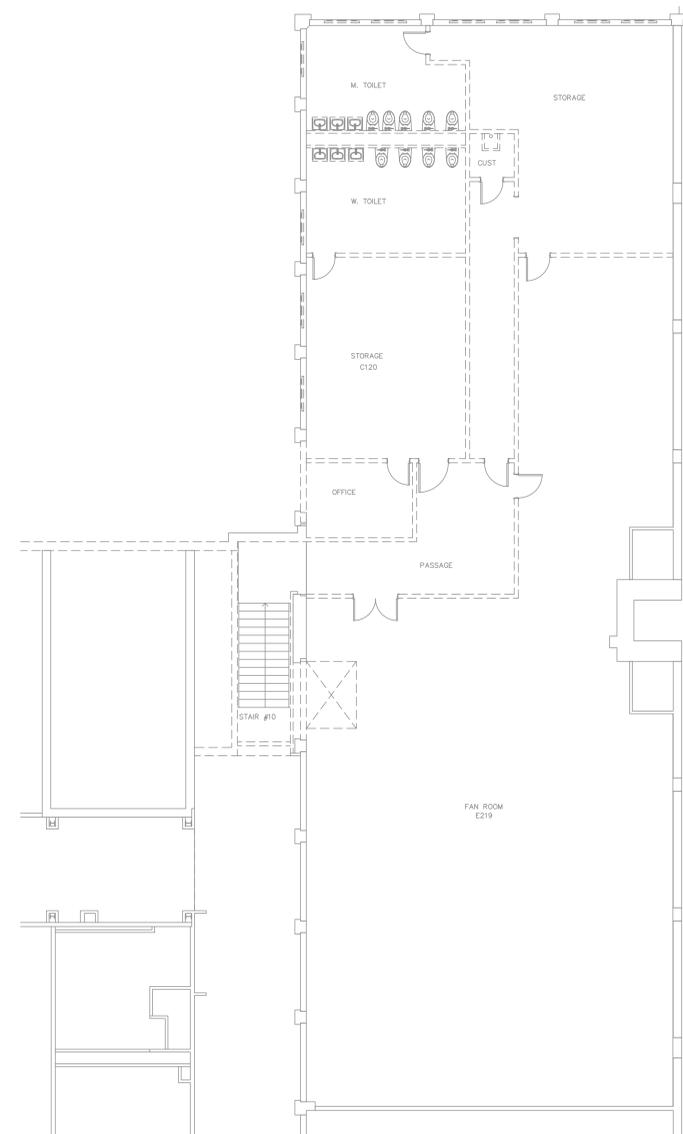
File Path: J:\DWG\20110793\2E\Xref\20110793\2E_FLR05_CHS_UP_LEV.dwg Layout: FIG-1-11 Plotted: Thu, September 05, 2013 - 3:40 PM User: stions
 MS VIEW: LAYER STATE: Plotter: DWG TO PDF PLOT CTB File: FO 2008.MOC.CTB



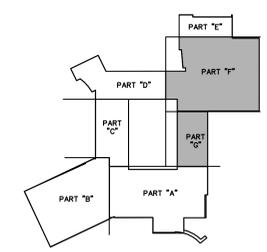
SITE PLAN PART G - UPPER LEVEL
 1/8" = 1'-0" 1



SITE PLAN PART F - UPPER LEVEL
 1/8" = 1'-0" 2



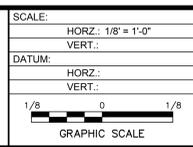
SITE PLAN - MEZZANINE
 1/8" = 1'-0" 2



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL

SEAL

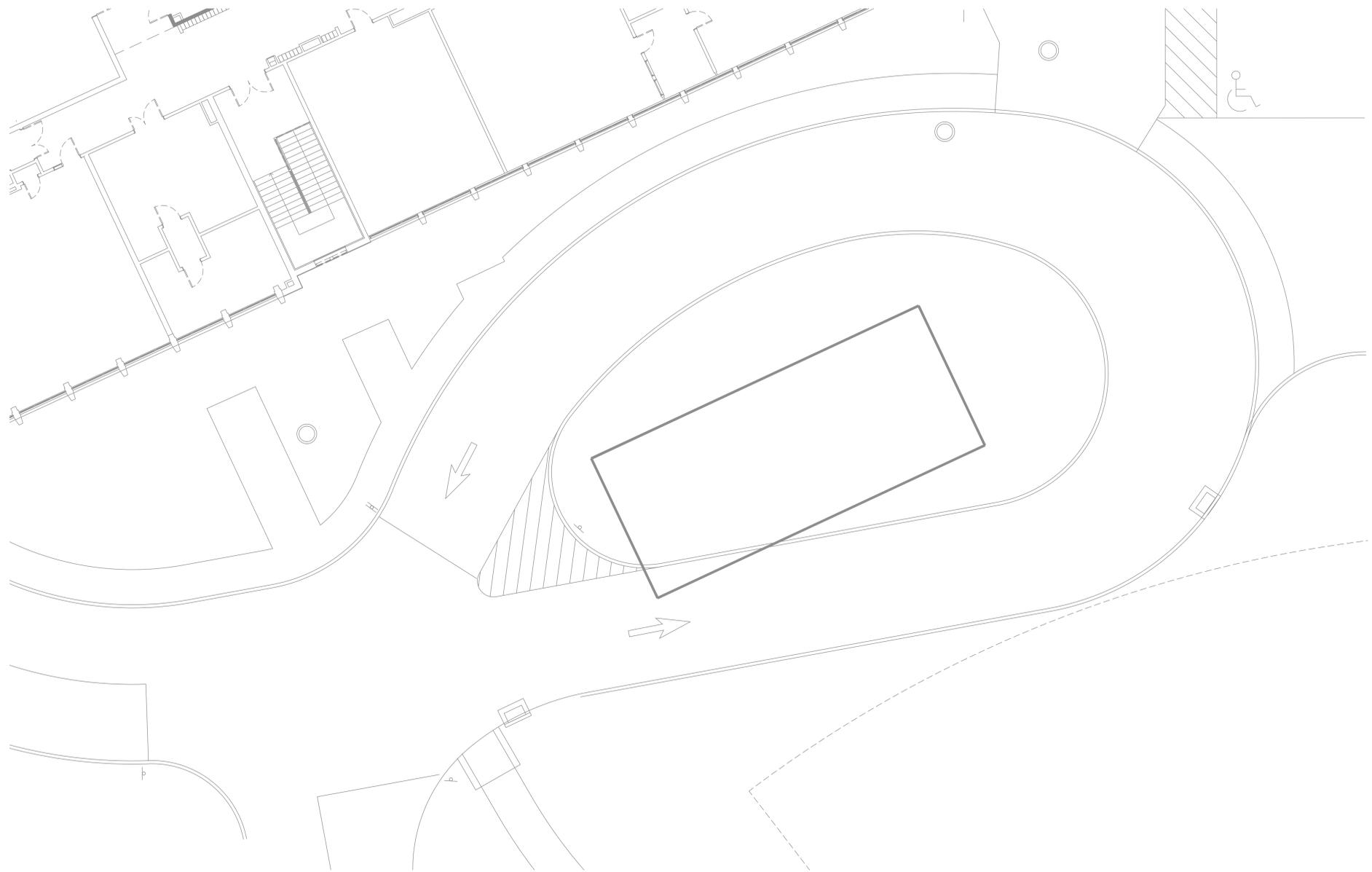


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CITY OF BRIDGEPORT
 UPPER LEVEL SITE PLAN
 PART G & F, MEZZANINE PART F
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

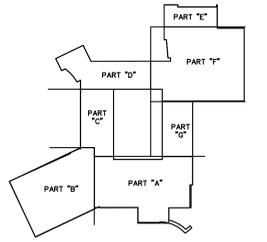
PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013

FIG. 1-11




 NORTH
 SITE PLAN - PORTABLE KITCHEN BUILDING
 1/8" = 1'-0"

1
 FIG. 1-12



File Path: J:\DWG\2011\07\93\A2E\Xrefs\20110793A2E_PORTABLE_FLR06_PORTABLE_JIM-12.dwg Layout: FIG-12 Plotted: Thu, September 05, 2013 - 3:40 PM User: sions
 MS VIEW: LAYER STATE:

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL	SEAL	

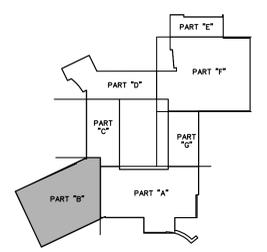
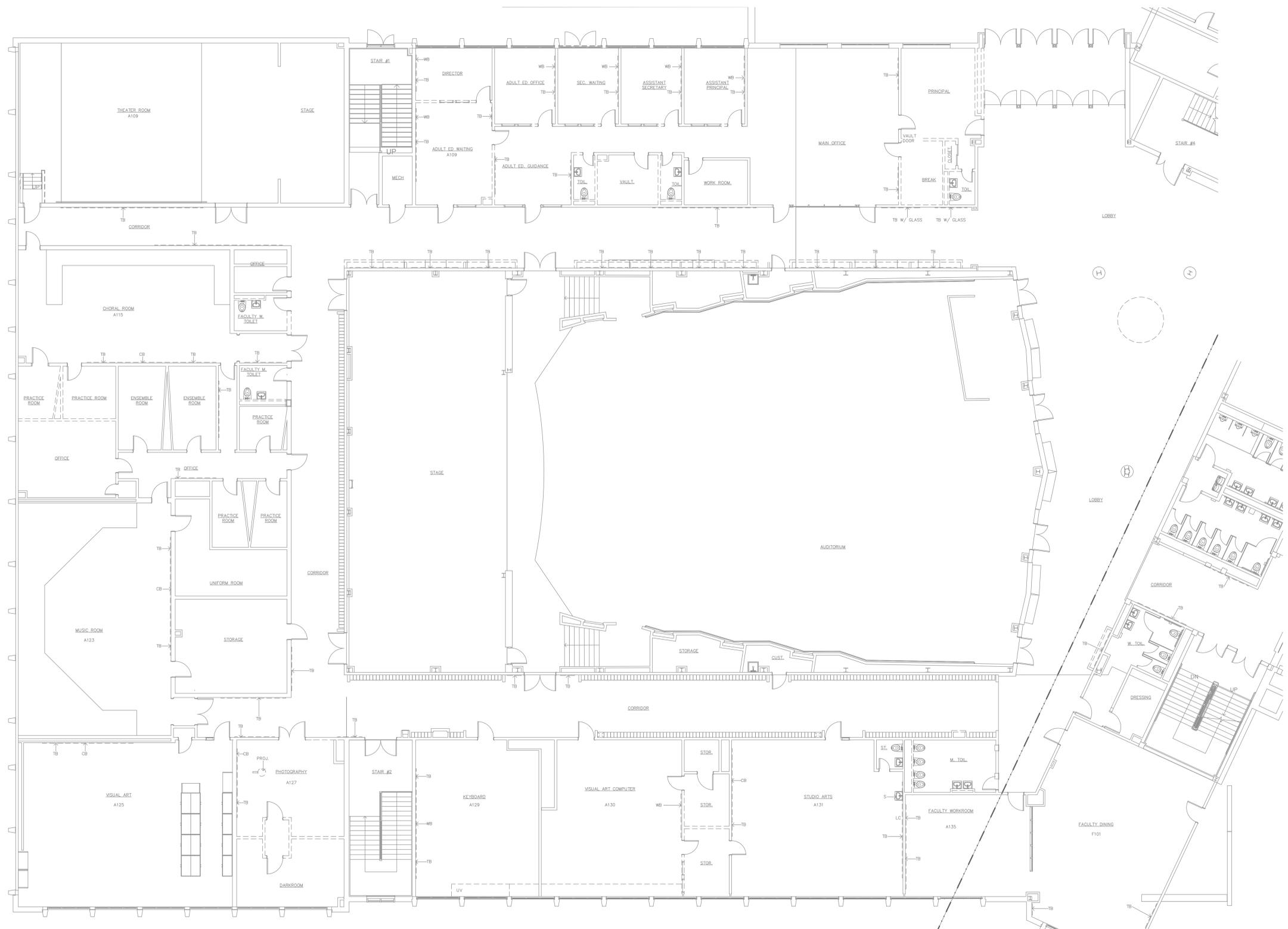
SCALE:	HORZ.: 1/8" = 1'-0"
	VERT.:
DATUM:	HORZ.:
	VERT.:
 GRAPHIC SCALE	


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 PORTABLE KITCHEN BUILDING SITE PLAN
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT
 1 LINCOLN BLVD.

PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013
FIG. 1-12

File Path: J:\DWG\20110729\2E\EnvironmentalPlan\20110729\2E\Main Level.dwg Layout: FIG2-4 Plotted: Thu, September 05, 2013 - 3:30 PM User: s10ns
 MS VIEW: LAYER STATE: PLOTTER: NONE CTB File: F0 STB



PCB SOURCE SAMPLING PLAN PART B - MAIN LEVEL
 1/8" = 1'-0" 1
 FIG2-4

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL	SEAL	

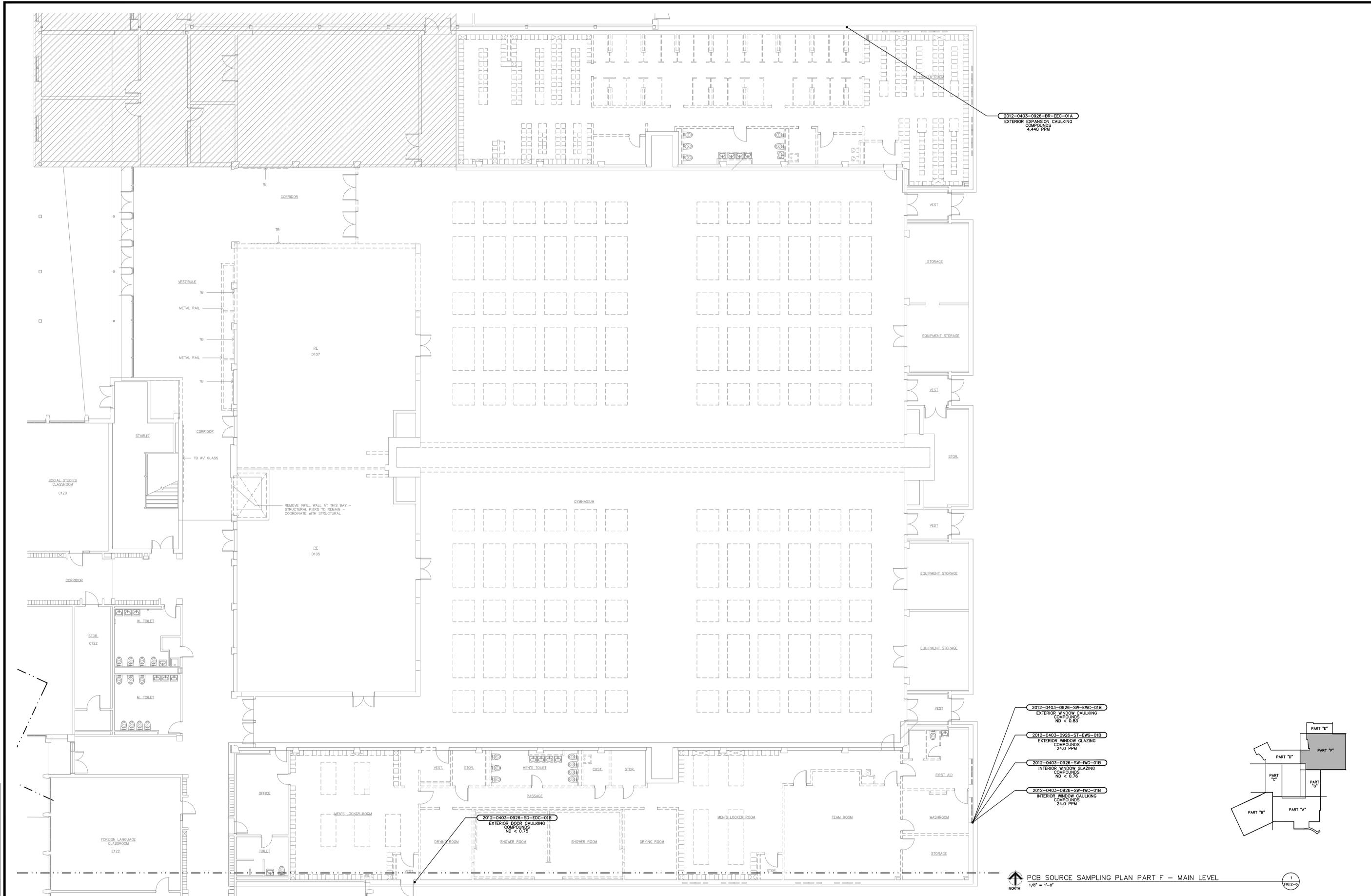
SCALE:
 HORZ.: 1/8" = 1'-0"
 VERT.:
 DATUM:
 HORZ.:
 VERT.:
 1/8" 0 1/8"
 GRAPHIC SCALE

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CITY OF BRIDGEPORT
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 PART B
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013
FIG. 2-4

File Path: J:\DWG\20110793A2E\EnvironmentalPlan\20110793A2E\Main Level.dwg Layout: FIG.2-6 Plotted: Thu, September 05, 2013 - 3:32 PM User: slons
 MS VIEW: LAYER STATE: Problem: NONE C:\B File: FO STB



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL	
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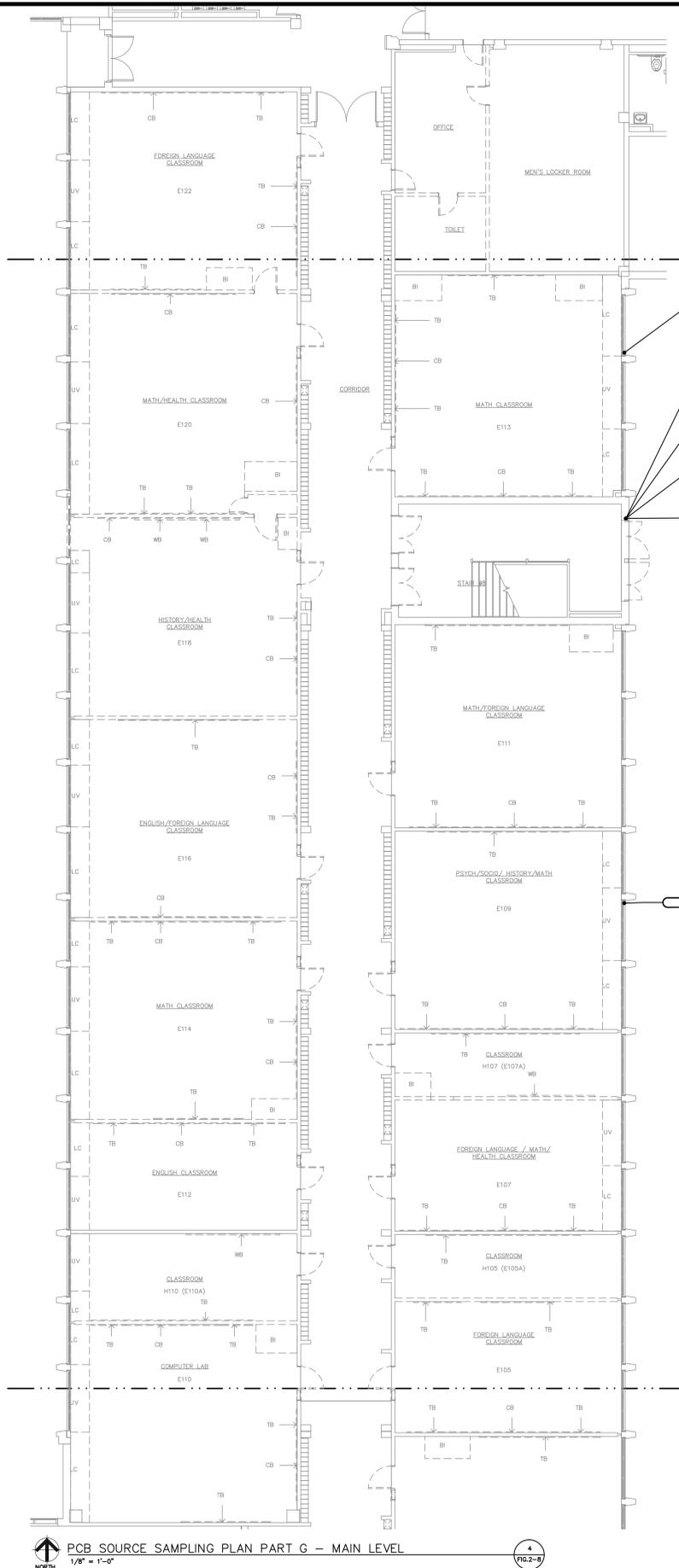
SCALE:	HORZ.: 1/8" = 1'-0"
	VERT.: 1/8" = 1'-0"
DATUM:	HORZ.: 1/8" = 1'-0"
	VERT.: 1/8" = 1'-0"
1/8" 0 1/8"	
GRAPHIC SCALE	

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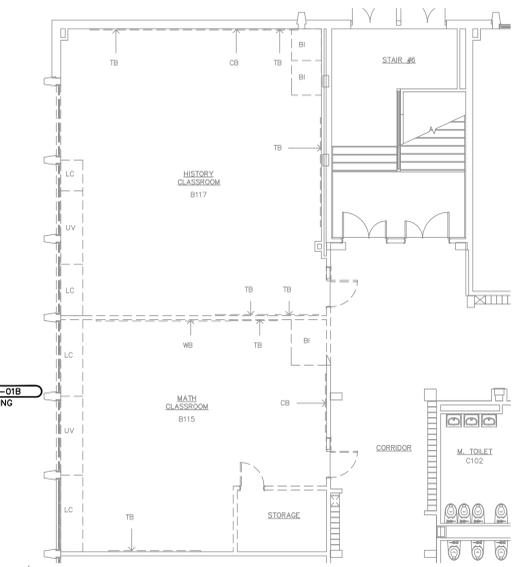
CITY OF BRIDGEPORT
 MAIN LEVEL PCB SOURCE SAMPLING PLAN
 PART F
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793A2E
 DATE: SEPTEMBER 2013
FIG. 2-6

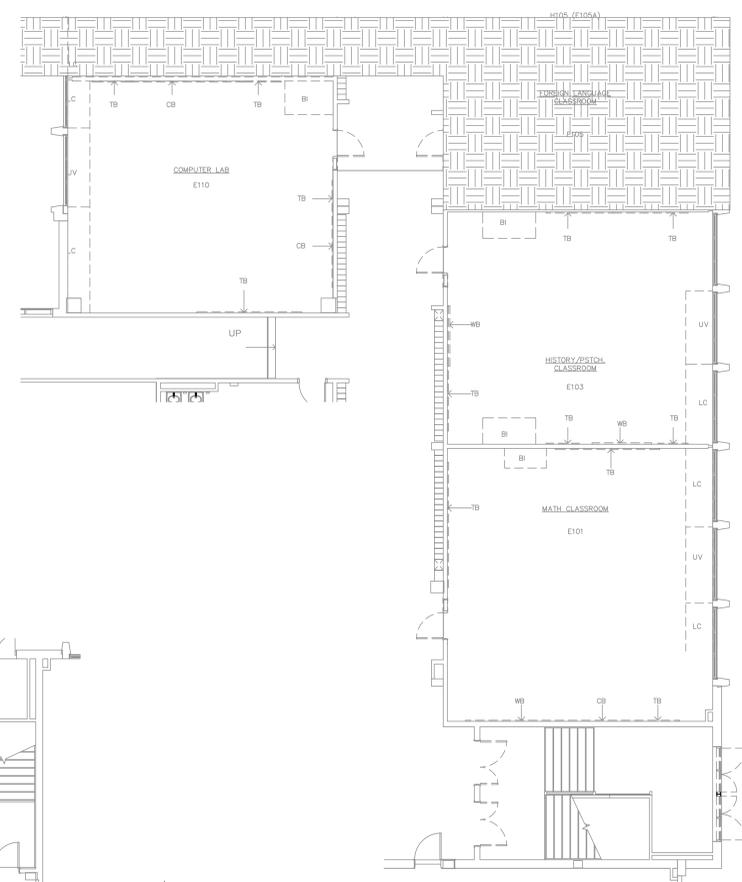
File Path: J:\DWG\20110793A2E\EnvironmentalPlan\20110793A2E_Main_Level.dwg Layout: FIG2-8 Plotted: Thu, September 05, 2013 - 3:33 PM User: slions
 MS VIEW: LAYER STATE: Plotter: NONE CTB File: F.O.STB



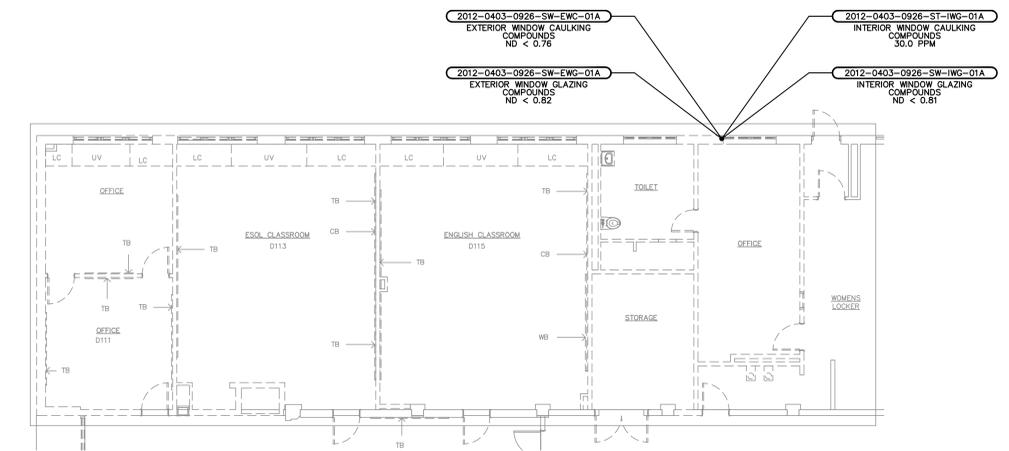
- 2012-0403-0926-CN-ECC-01C
EXTERIOR CONCRETE COLUMN
CAULKING COMPOUNDS
7,600 PPM
- 2012-0403-0926-ST-ED/WC-01B
EXTERIOR DOOR/WINDOW
CAULKING COMPOUNDS
7.0 PPM
- 2012-0403-0926-ST-EWG-01B
EXTERIOR WINDOW GLAZING
COMPOUNDS
ND < 0.80
- 2012-0403-0926-ST-EWG-01B-R
EXTERIOR WINDOW GLAZING
COMPOUNDS, REPLACEMENT TYPE II
ND < 0.43
- 2012-0403-0926-ST-ID/WC-01B
INTERIOR DOOR/WINDOW
CAULKING COMPOUNDS
4.2 PPM



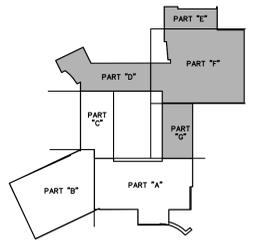
PCB SOURCE SAMPLING PLAN - MEDIA CENTER
 1/8" = 1'-0"
 NORTH



PCB SOURCE SAMPLING PLAN PART G.2 - MAIN LEVEL
 1/8" = 1'-0"
 NORTH



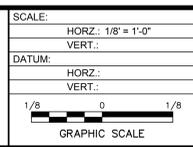
PCB SOURCE SAMPLING PLAN - AUX GYM
 1/8" = 1'-0"
 NORTH



PCB SOURCE SAMPLING PLAN PART G - MAIN LEVEL
 1/8" = 1'-0"
 NORTH

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

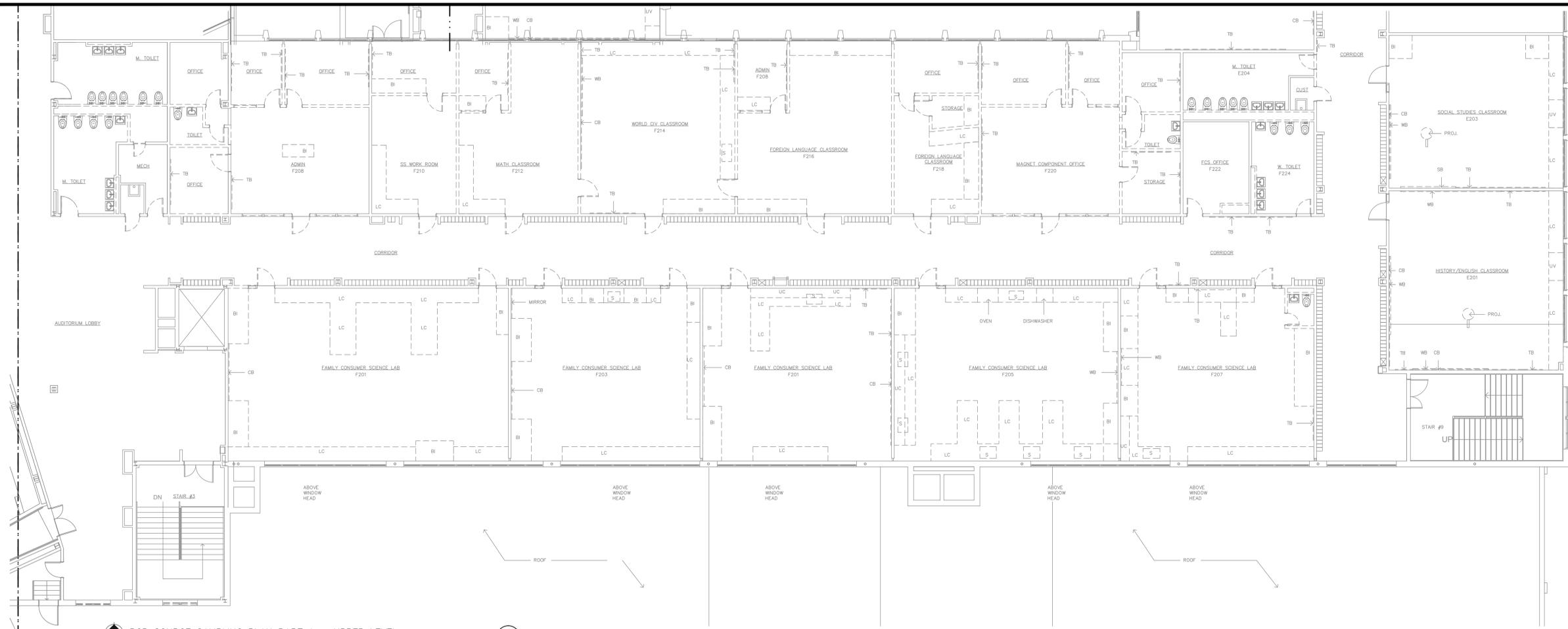
SEAL	SEAL	



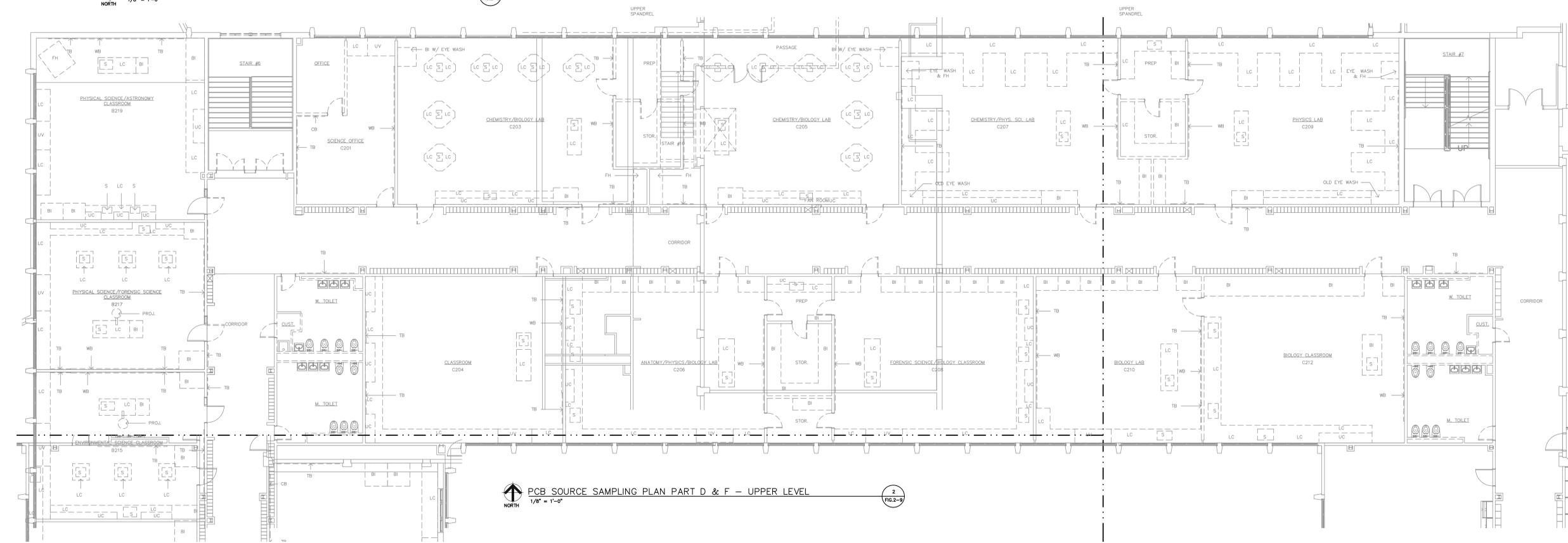
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 BRIDGEPORT, CONNECTICUT

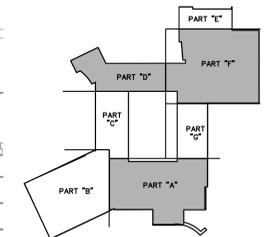
PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013
FIG. 2-8



PCB SOURCE SAMPLING PLAN PART A - UPPER LEVEL
1
1/8" = 1'-0"



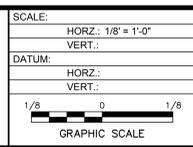
PCB SOURCE SAMPLING PLAN PART D & F - UPPER LEVEL
2
1/8" = 1'-0"



File Path: J:\DWG\20110793A2E\EnvironmentalPlan\20110793A2E-UPPER LEVEL.dwg Layout: FIG2-9 Plotted: Thu, September 05, 2013 - 3:34 PM User: sironis
 MS VIEW: LAYER STATE:

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL	SEAL			

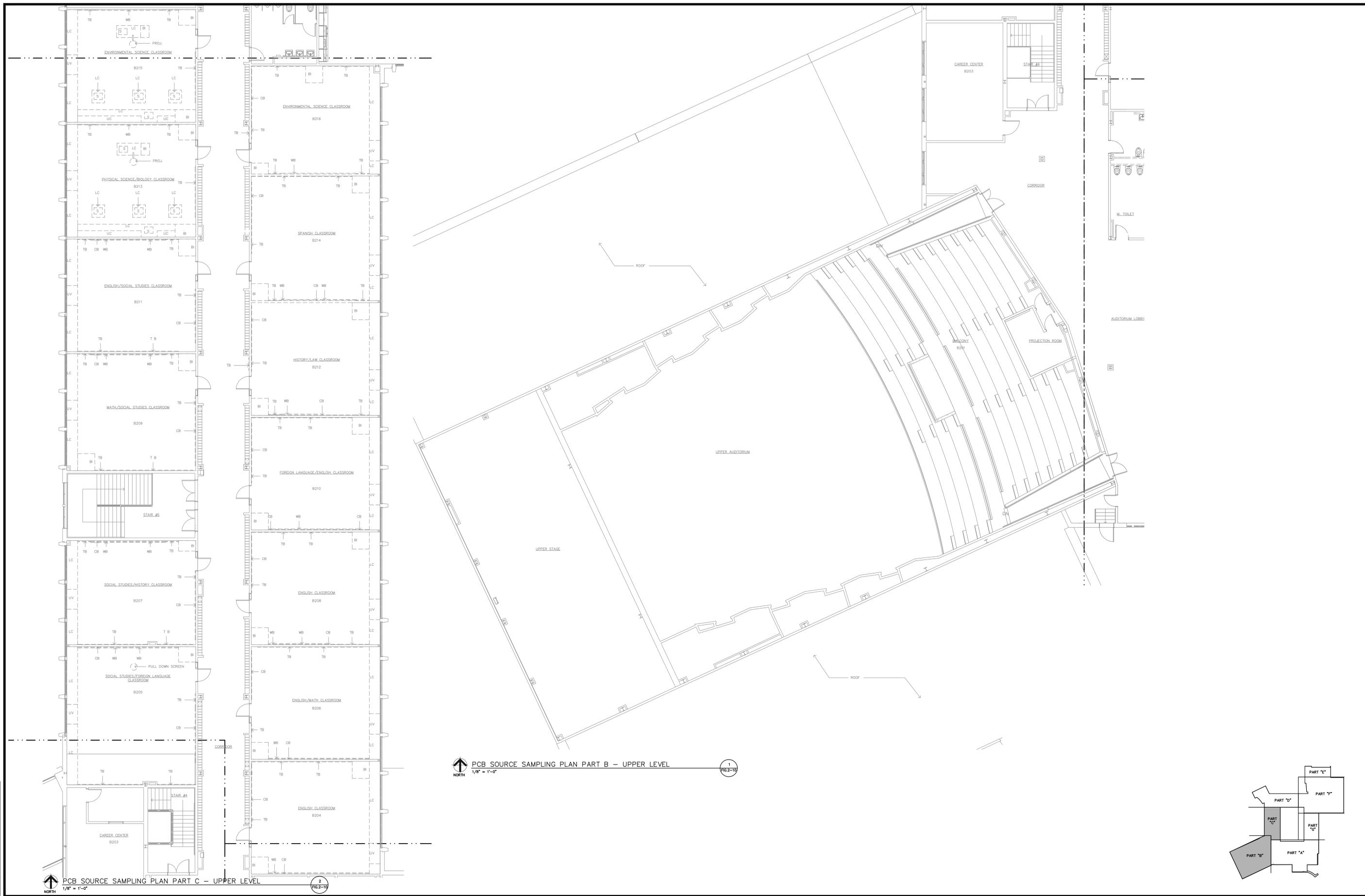


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CITY OF BRIDGEPORT
 UPPER LEVEL PCB SOURCE SAMPLING PLAN
 PART A, D, & F
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013
FIG. 2-9

File Path: J:\DWG\20110793A2E\EnvironmentalPlan\20110793A2E_PCB05_CHS_UP_LEV.dwg Layout: FIG2-10 Plotted: Thu, September 05, 2013 - 3:34 PM User: stions
 MS VIEW: LAYER STATE: PROBER: NONE CTB File: F.O.STB

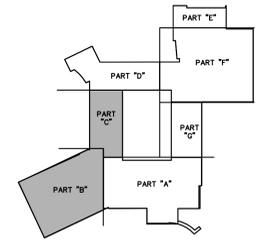


PCB SOURCE SAMPLING PLAN PART B - UPPER LEVEL
 1/8" = 1'-0"

1
 FIG. 2-10

PCB SOURCE SAMPLING PLAN PART C - UPPER LEVEL
 1/8" = 1'-0"

2
 FIG. 2-10



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL	SEAL	

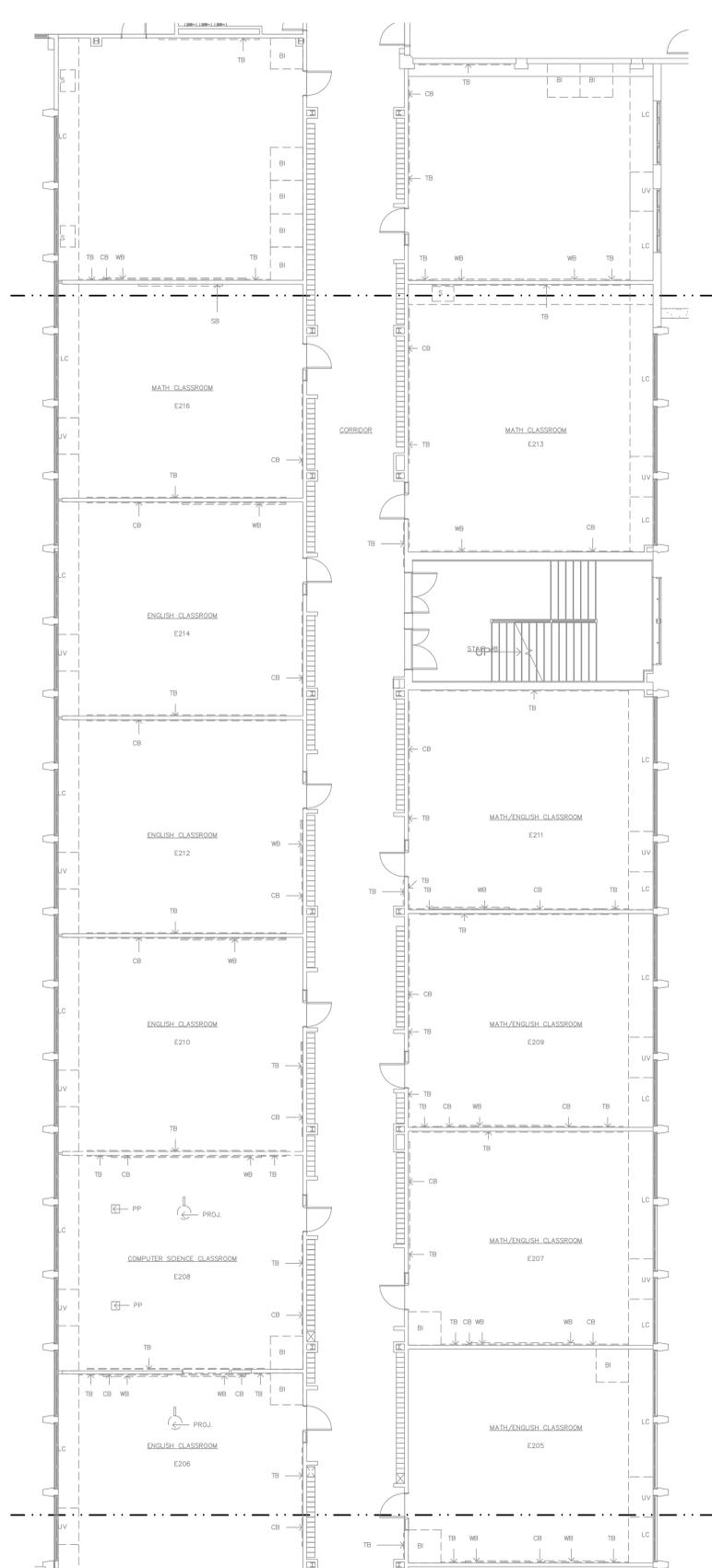
SCALE:
 HORZ.: 1/8" = 1'-0"
 VERT.:
 DATUM:
 HORZ.:
 VERT.:
 1/8" 0 1/8"
 GRAPHIC SCALE

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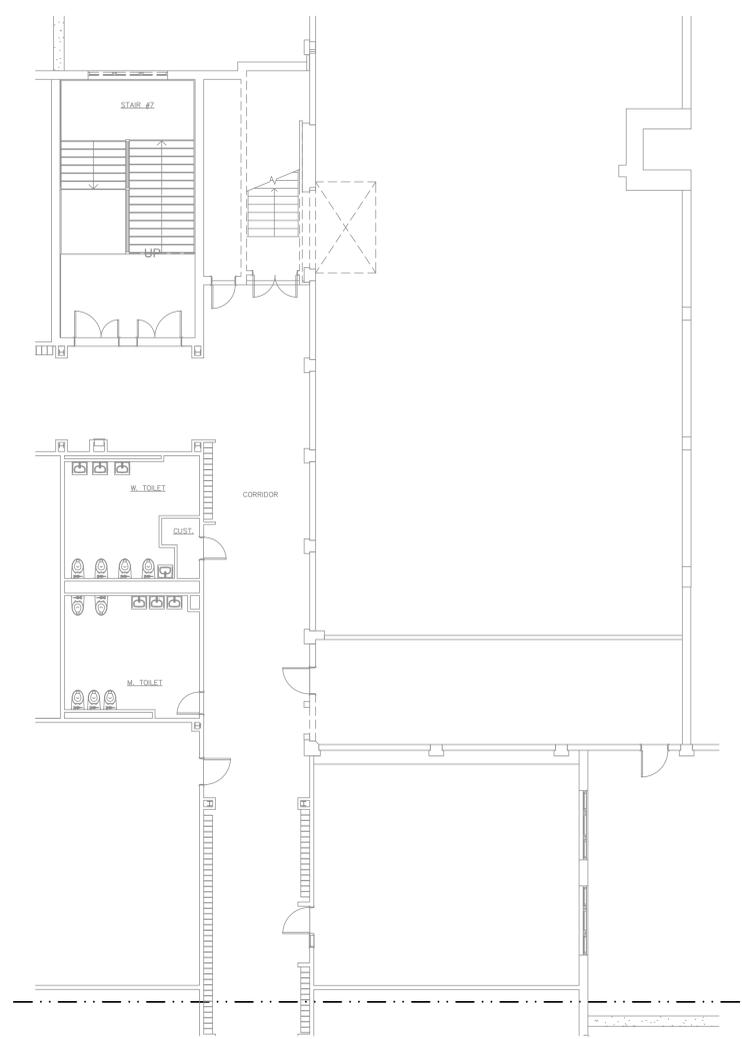
CITY OF BRIDGEPORT
 UPPER LEVEL PCB SOURCE SAMPLING PLAN
 PART B & G
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013
FIG. 2-10

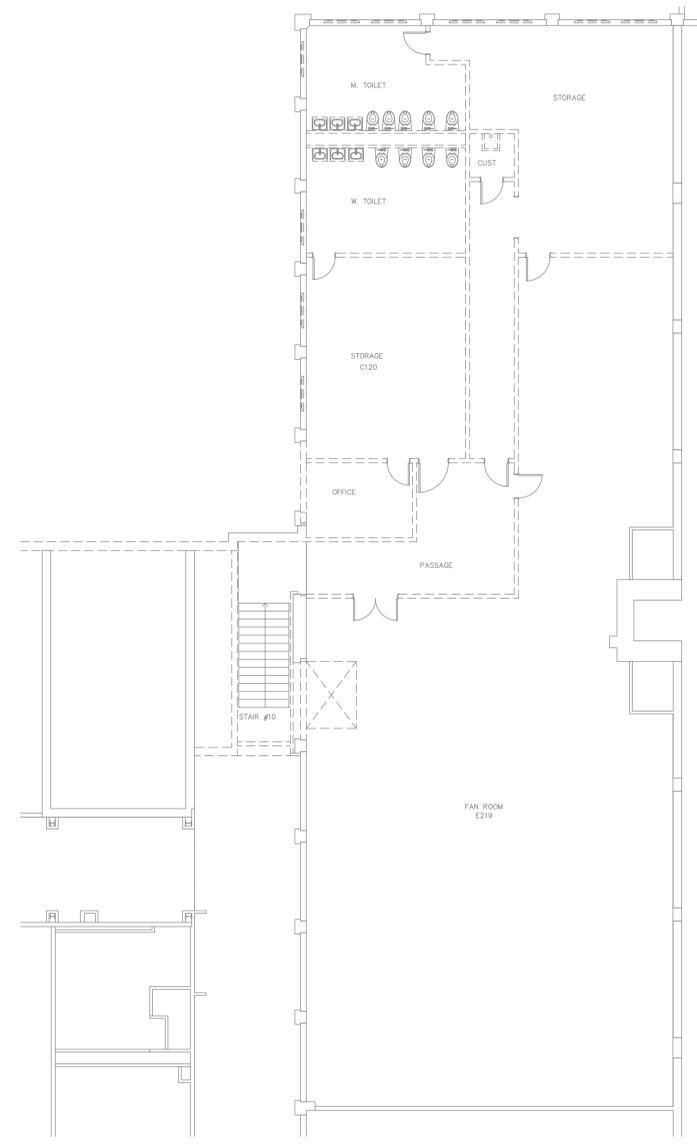
File Path: J:\DWG\20110793A2E\EnvironmentalPlan\20110793A2E\UpperLevel.dwg Layout: FIG2-11 Plotted: Thu, September 05, 2013 - 3:35 PM User: stions
 MS VIEW: LAYER STATE: Plotter: NONE CTB File: F.O.STB



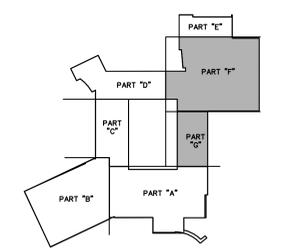
PCB SOURCE SAMPLING PLAN PART G - UPPER LEVEL
 1/8" = 1'-0" (FIG. 2-11)



PCB SOURCE SAMPLING PLAN PART F - UPPER LEVEL
 1/8" = 1'-0" (FIG. 2-11)



PCB SOURCE SAMPLING PLAN - MEZZANINE
 1/8" = 1'-0" (FIG. 2-11)



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

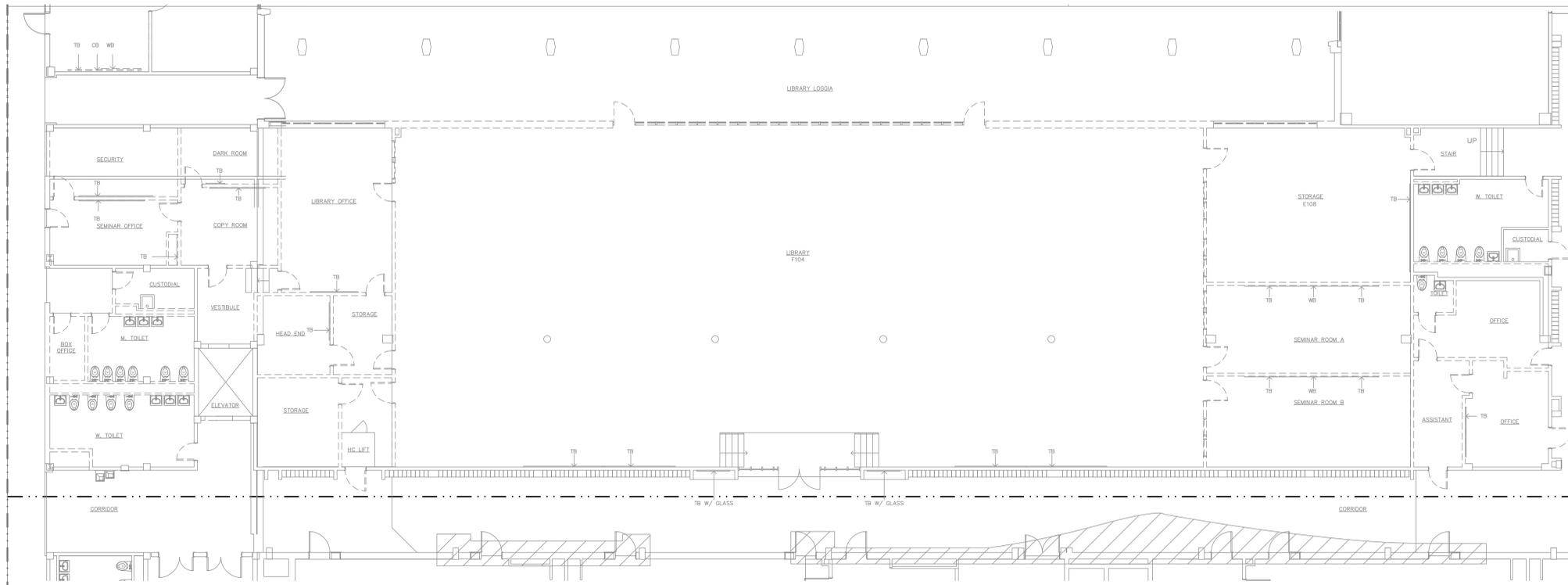
SEAL	SEAL	
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SCALE:
 HORZ.: 1/8" = 1'-0"
 VERT.:
 DATUM:
 HORZ.:
 VERT.:
 1/8" 0 1/8"
 GRAPHIC SCALE

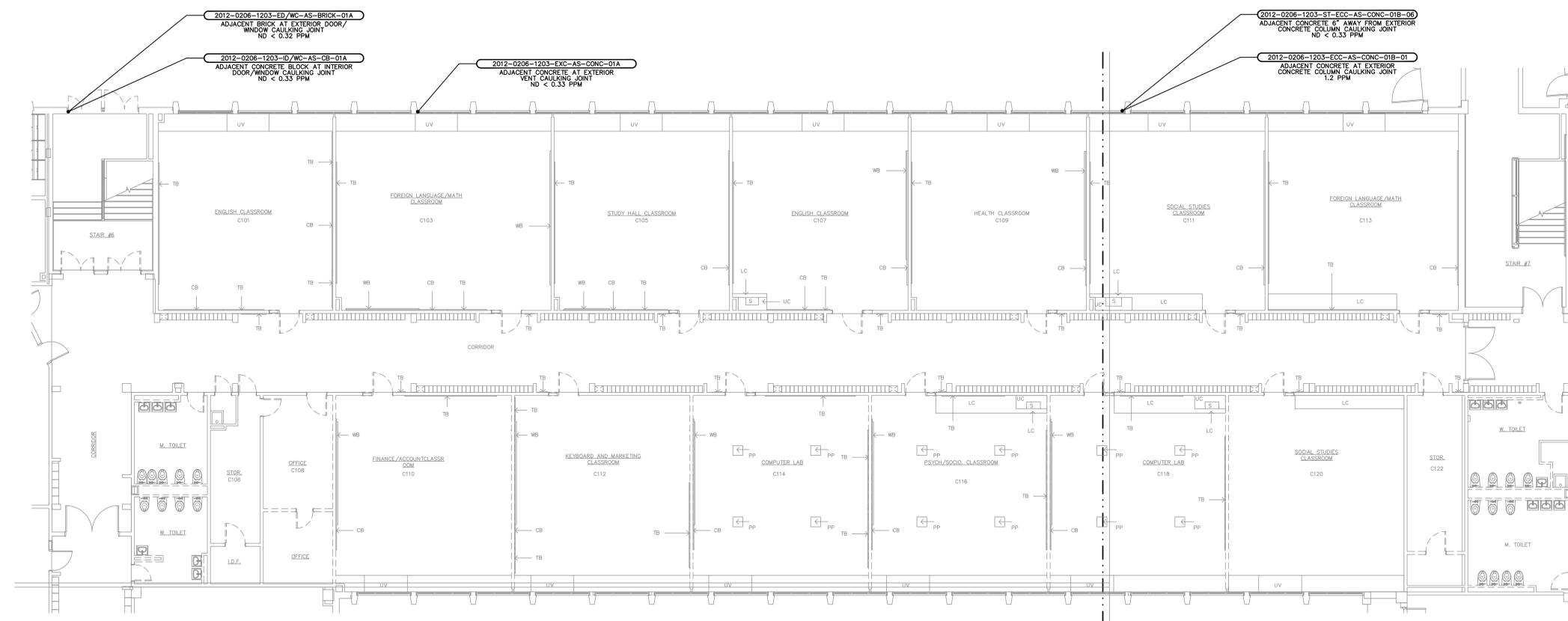
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CITY OF BRIDGEPORT
 UPPER LEVEL PCB SOURCE SAMPLING PLAN
 PART G & F, MEZZANINE PART F
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

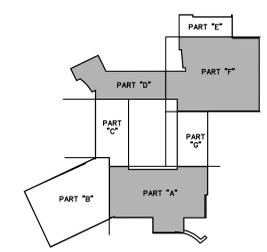
PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013
FIG. 2-11



PCB ADJACENT SURFACE SAMPLING PLAN PART A – MAIN LEVEL
 1/8" = 1'-0" 1 FIG.3-3



PCB ADJACENT SURFACE SAMPLING PLAN PART D & F – MAIN LEVEL
 1/8" = 1'-0" 2 FIG.3-3



File Path: J:\DWG\20110729\A2E\EnvironmentalPlan\20110729A2E\Main Level.dwg Layout: FIG.3-3 Plotted: Tue, September 10, 2013 - 11:26 AM User: sironis
 MS VIEW: LAYER STATE: Plotter: DWG TO PDF PC3 CTB File: FO 2008.MONO.CTB

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL	SEAL	
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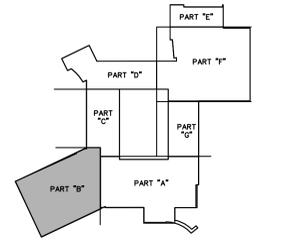
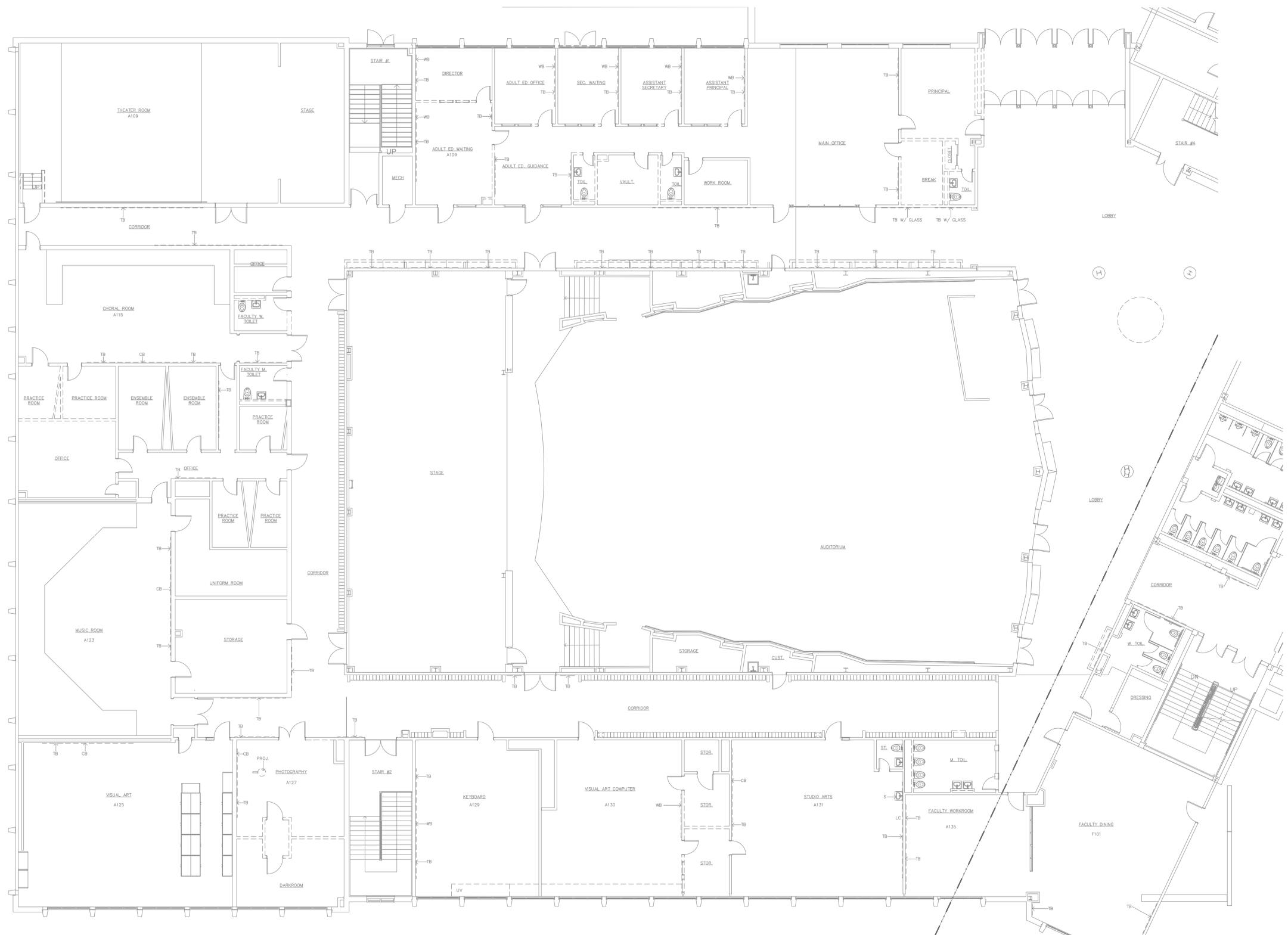
SCALE:
 HORZ.: 1/8" = 1'-0"
 VERT.:
 DATUM:
 HORZ.:
 VERT.:
 1/8" 0 1/8"
 GRAPHIC SCALE

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 PART A, D, & F
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110729.A2E
 DATE: SEPTEMBER 2013
FIG. 3-3

File Path: J:\DWG\20110793A2E\EnvironmentalPlan\20110793A2E-Enviro\MainLevel\20110793A2E-Enviro\MainLevel.dwg Layout: FIG3-4 Plotted: Tue, September 10, 2013 - 11:26 AM User: sironis
 MS VIEW: LAYER STATE: PLOTTER: DWG TO PDF PC3 CTB File: FO 2008.MONO.CTB



PCB ADJACENT SURFACE SAMPLING PLAN PART B -- MAIN LEVEL
 1/8" = 1'-0" 1
 R63-4

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL	SEAL	

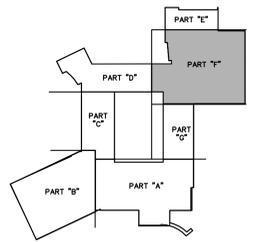
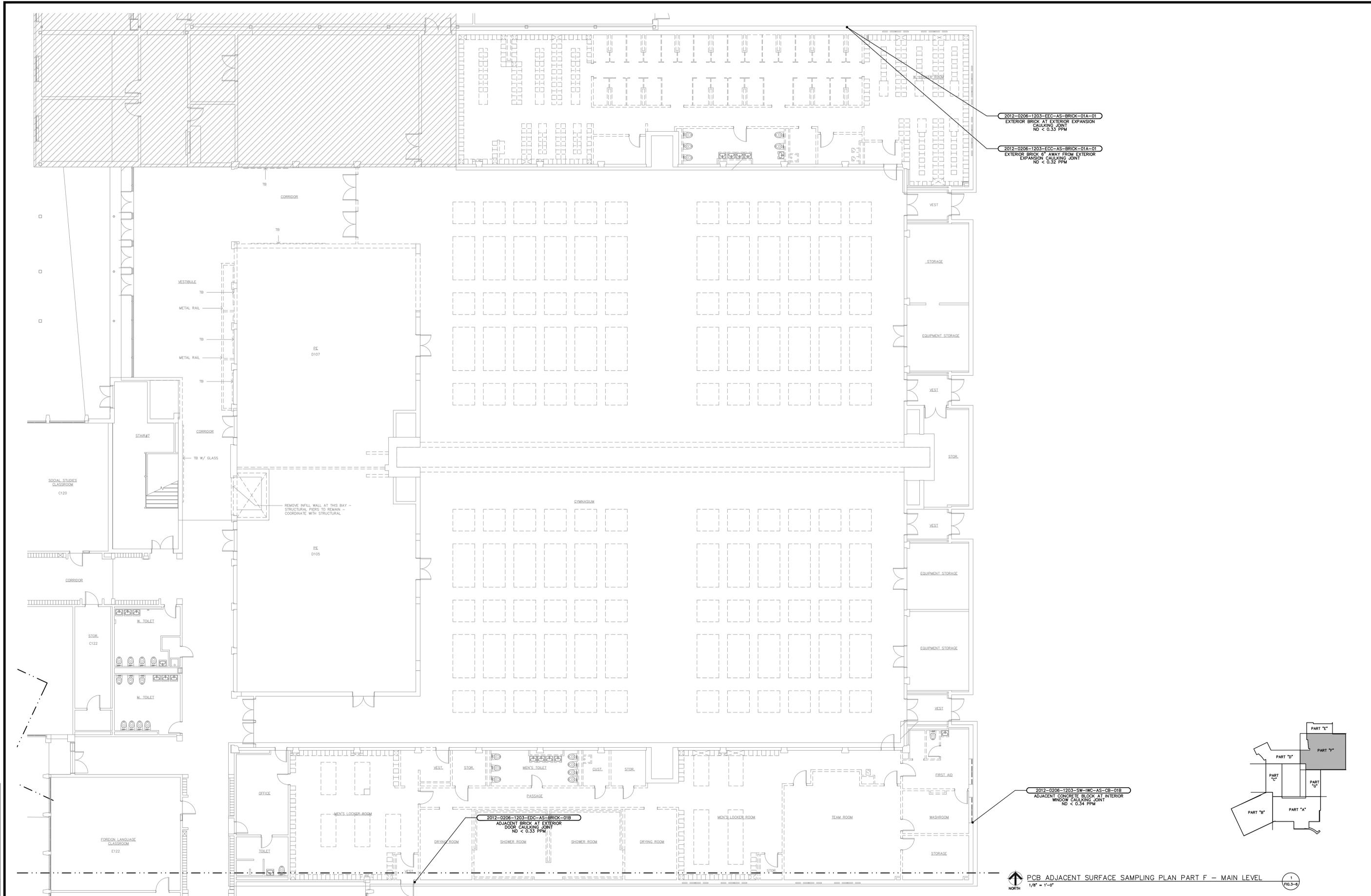
SCALE:
 HORZ.: 1/8" = 1'-0"
 VERT.:
 DATUM:
 HORZ.:
 VERT.:
 1/8" 0 1/8"
 GRAPHIC SCALE

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 PART B
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793 A2E
 DATE: SEPTEMBER 2013
FIG. 3-4

File Path: J:\DWG\20110793A2E\EnvironmentalPlan\20110793A2E\Main Level.dwg Layout: FIG 3-6 Plotted: Tue, September 10, 2013 - 11:27 AM User: sironis
 MS VIEW: LAYER STATE: CTB File: FO 2008.MONO.CTB



PCB ADJACENT SURFACE SAMPLING PLAN PART F - MAIN LEVEL
 1/8" = 1'-0" 1
FIG. 3-6

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

	SEAL		SEAL	
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SCALE:
 HORZ.: 1/8" = 1'-0"
 VERT.:

DATUM:
 HORZ.:

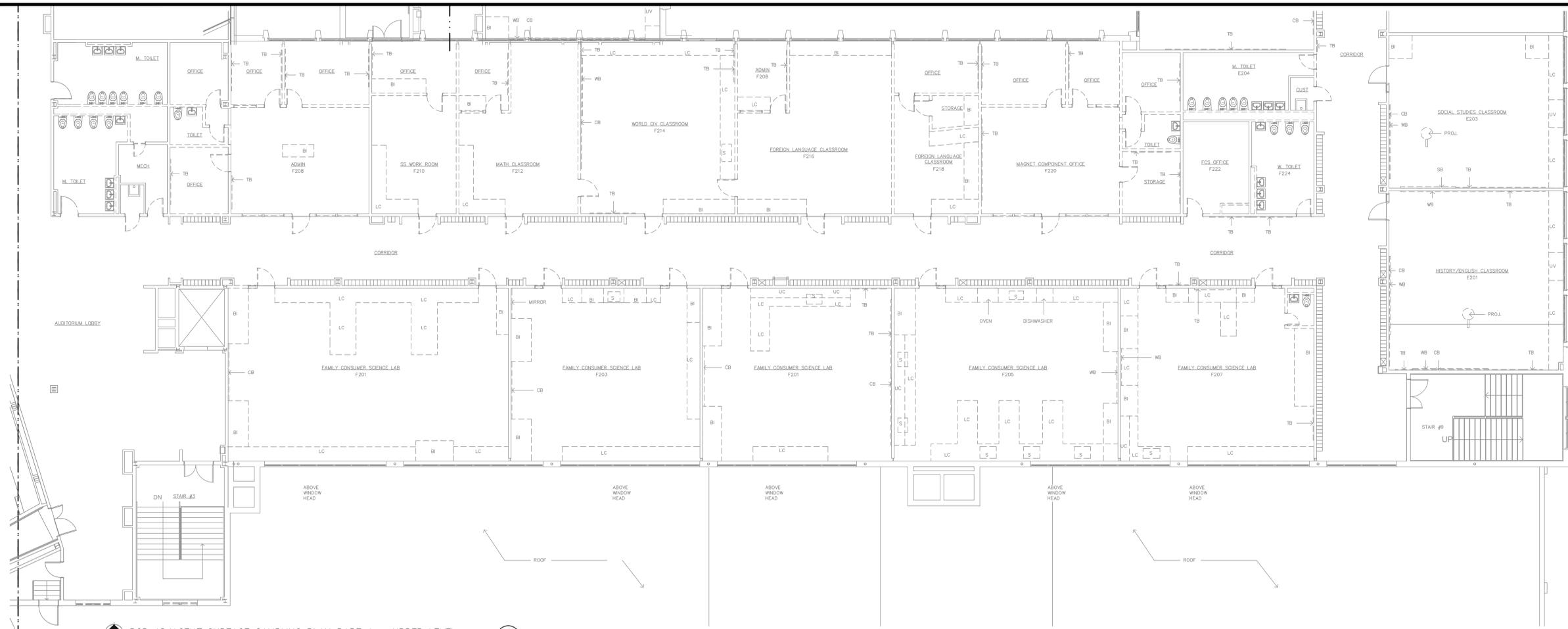
VERT.:

1/8" 0 1/8"
 GRAPHIC SCALE

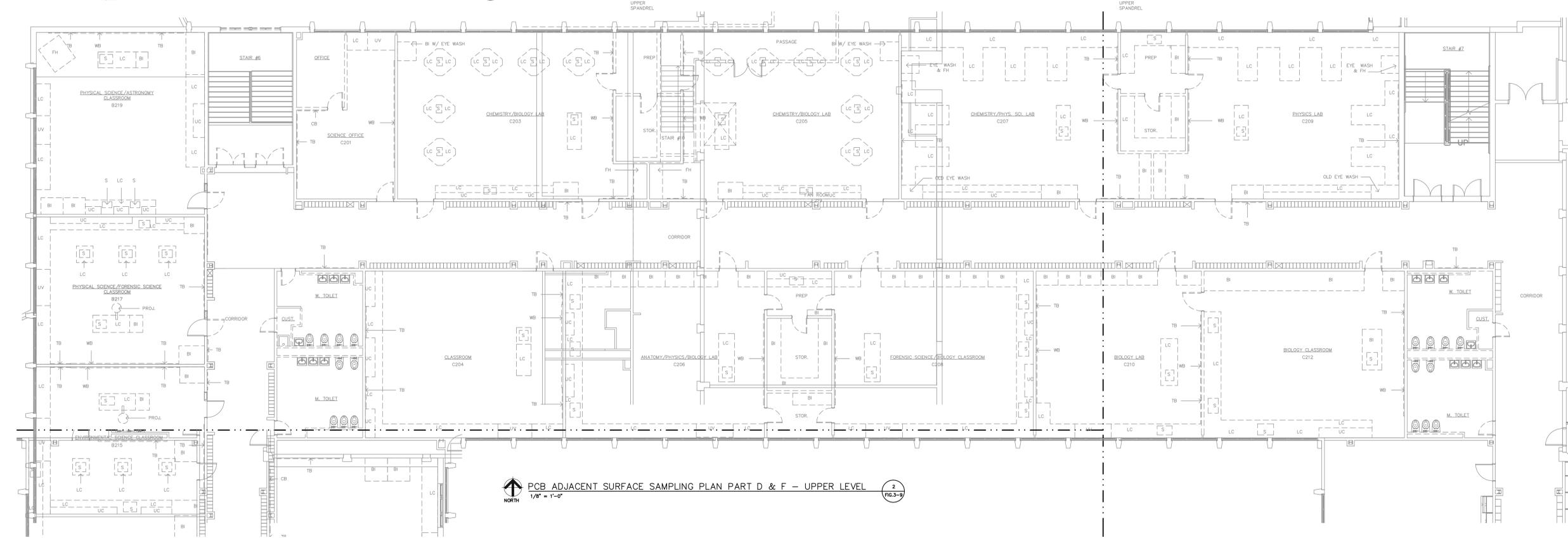
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 PART F
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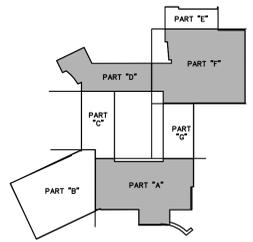
PROJ. No.: 20110793A2E
 DATE: SEPTEMBER 2013
FIG. 3-6



PCB ADJACENT SURFACE SAMPLING PLAN PART A - UPPER LEVEL
 1
 1/8" = 1'-0"



PCB ADJACENT SURFACE SAMPLING PLAN PART D & F - UPPER LEVEL
 2
 1/8" = 1'-0"



File Path: J:\DWG\20110793A2E\EnvironmentalPlan\20110793A2E_PCB08_CHS_UP_LEV.dwg Layout: FIG.3-9_Plot.dwg Tue, September 10, 2013 - 11:30 AM User: stions
 MS VIEW: LAYER STATE: PLOTTER: DWG TO PDF PC3 CTB File: FO 2008.MONO.CTB

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL	SEAL	

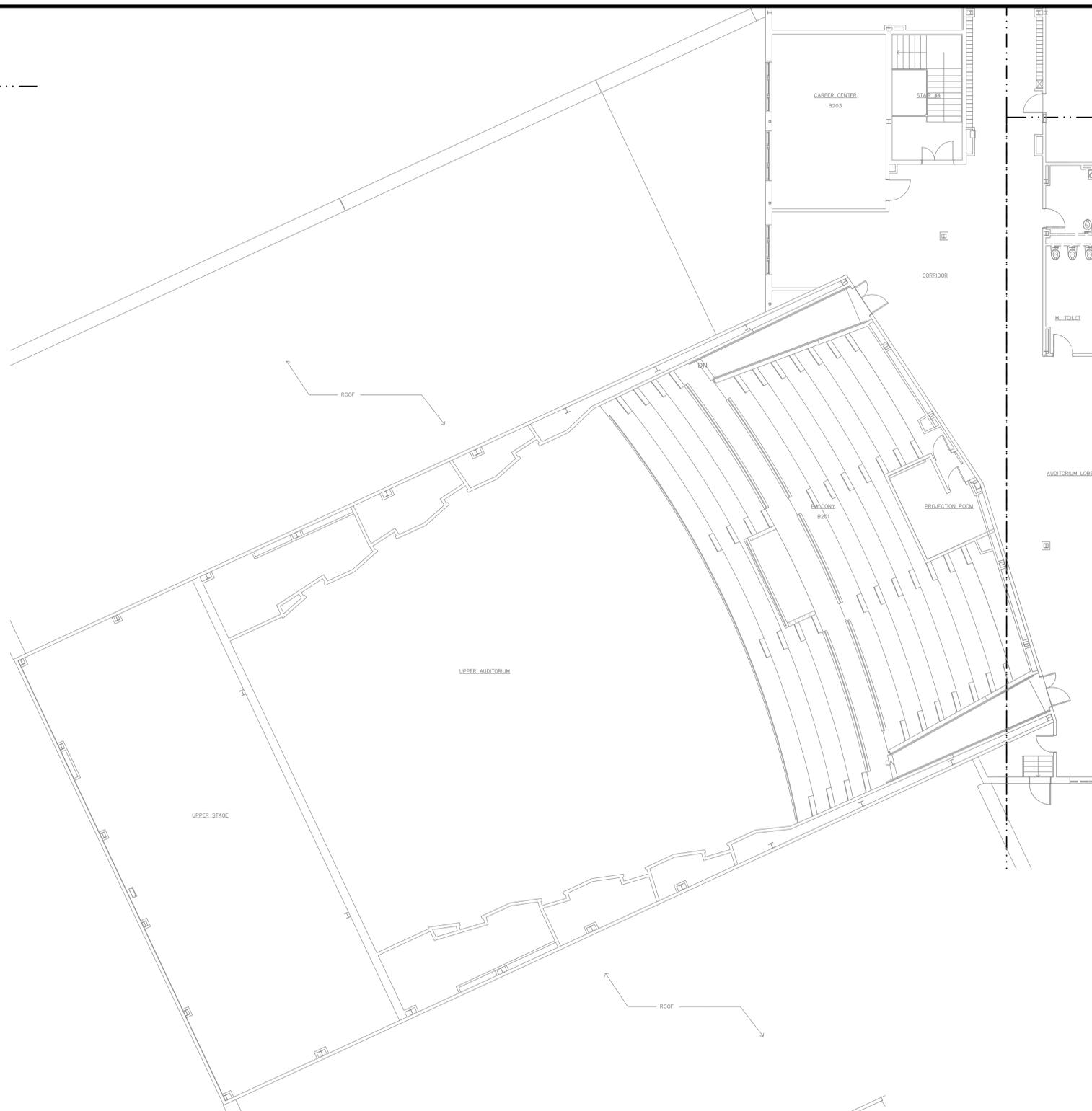
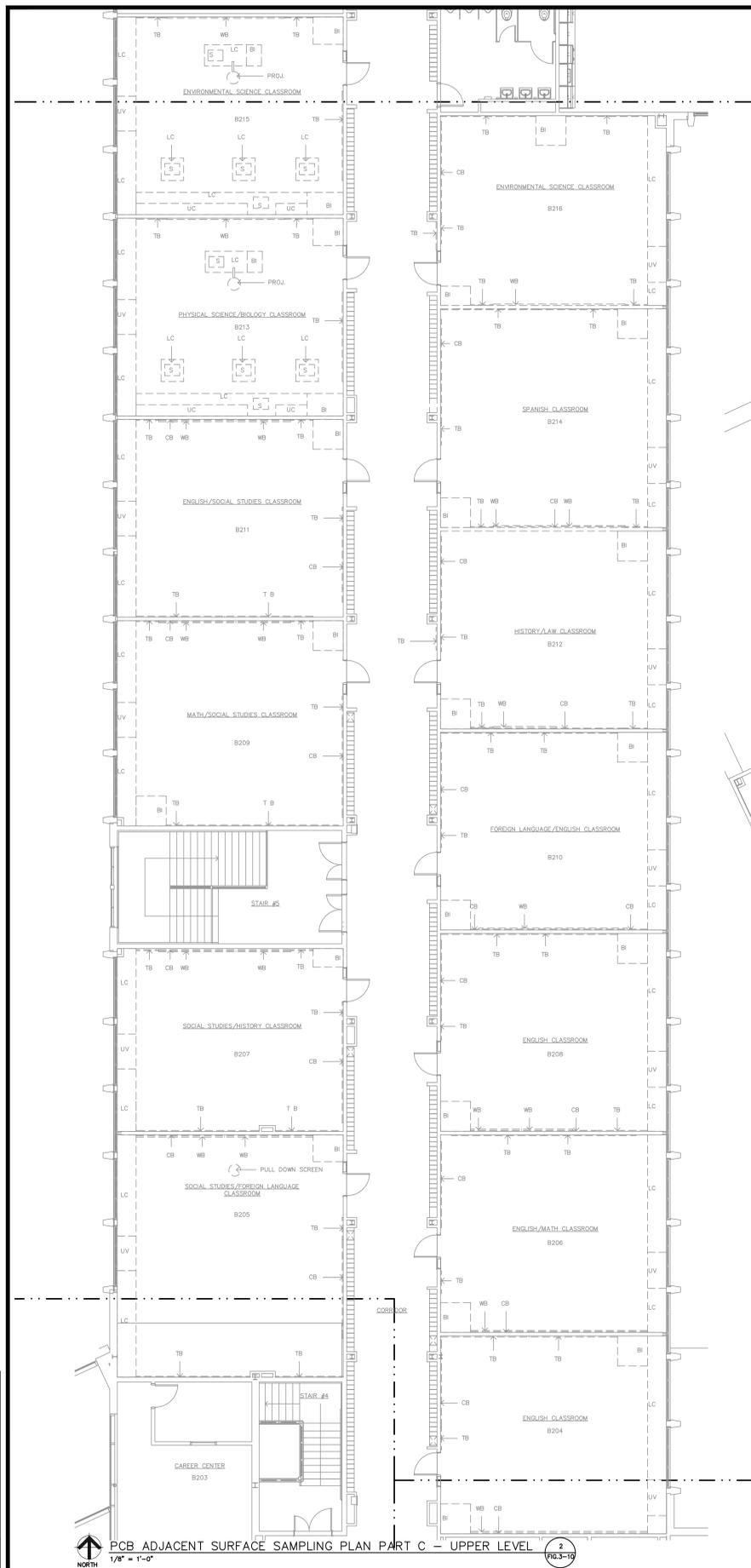
SCALE:
 HORZ.: 1/8" = 1'-0"
 VERT.:
 DATUM:
 HORZ.:
 VERT.:
 1/8" 0 1/8"
 GRAPHIC SCALE

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 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

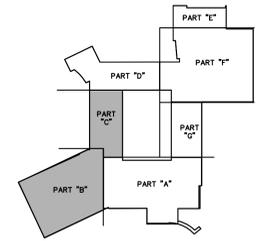
PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013
FIG. 3-9

File Path: J:\DWG\20110729\2B\EnvironmentalPlan\20110729\2B\UP LEV.dwg Layout: FIGS-10 Plotted: Tue, September 10, 2013 11:30 AM User: sions
 MS VIEW: 1/8" = 1'-0" Plotter: DWG TO PDF PC3 CTB File: FO 2008.MONO.CTB
 LAYER STATE:



PCB ADJACENT SURFACE SAMPLING PLAN PART B - UPPER LEVEL
 1/8" = 1'-0" 1 FIG. 3-10

PCB ADJACENT SURFACE SAMPLING PLAN PART C - UPPER LEVEL
 1/8" = 1'-0" 2 FIG. 3-10



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL	SEAL	

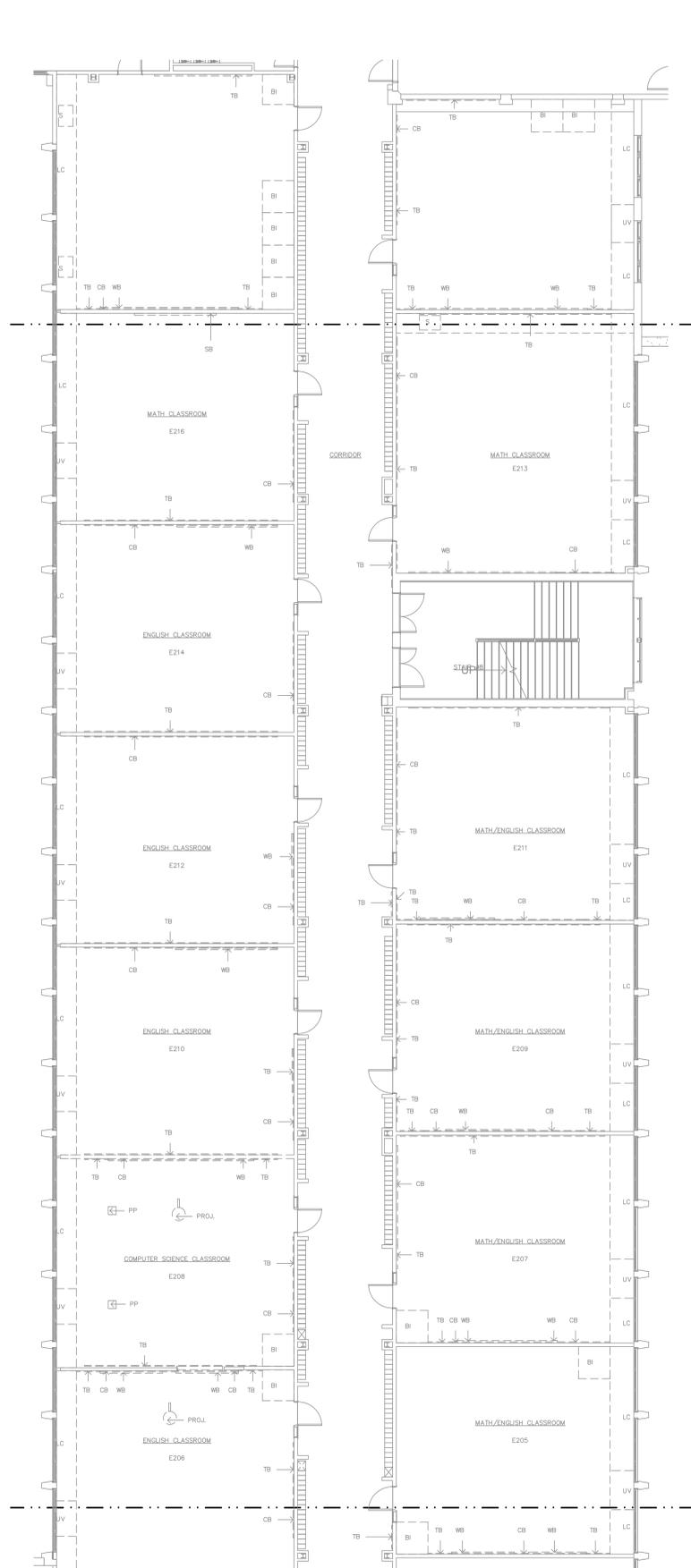
SCALE:	HORZ.: 1/8" = 1'-0"
	VERT.:
DATUM:	HORZ.:
	VERT.:
GRAPHIC SCALE	

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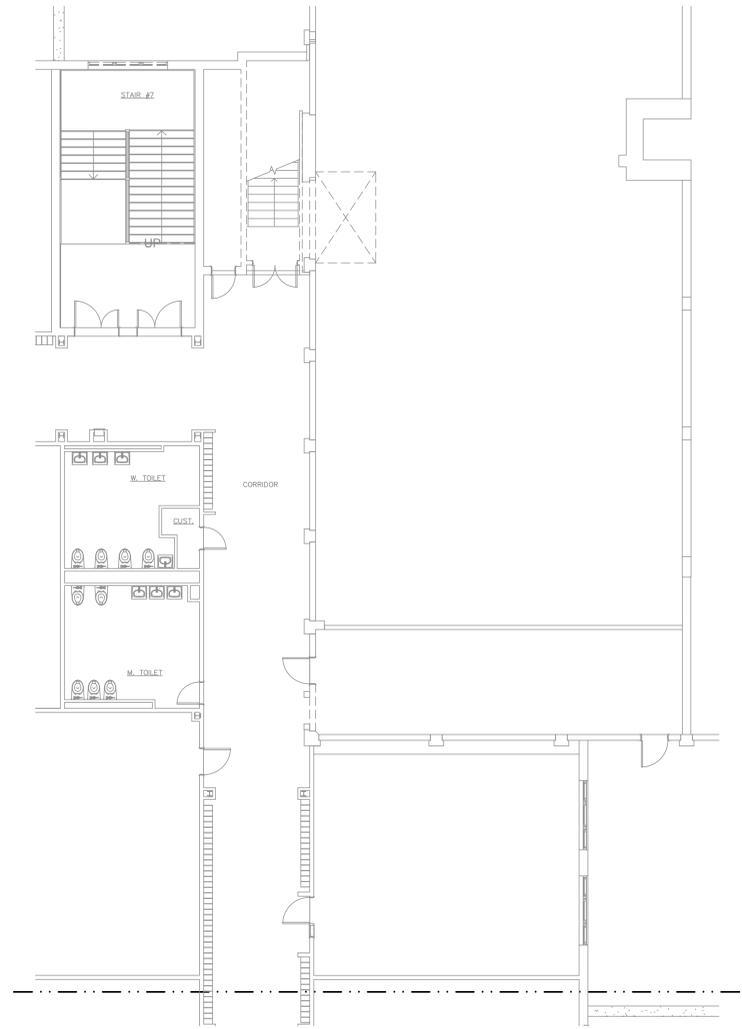
CITY OF BRIDGEPORT
 UPPER LEVEL PCB ADJACENT SURFACE SAMPLING PLAN
 PART B & G
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013
FIG. 3-10

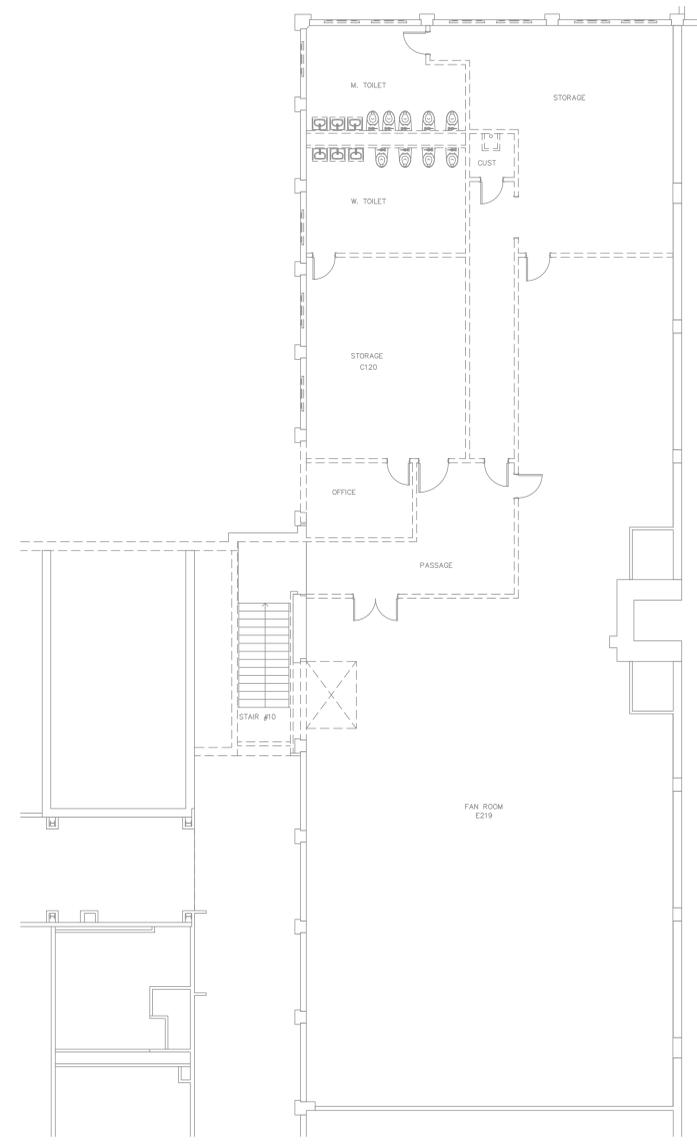
File Path: J:\DWG\20110793A2E\EnvironmentalPlan\20110793A2E_Enviro.dwg Layout: FIGS-11 Plotted: Tue, September 10, 2013 - 11:31 AM User: slions
 MS VIEW: LAYER STATE: Plotter: DWG TO PDF PC3 CTB File: FO 2008.MONO.CTB



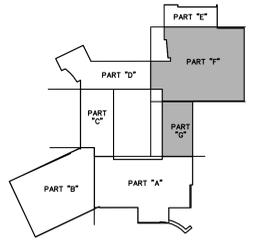
PCB ADJACENT SURFACE SAMPLING PLAN PART G - UPPER LEVEL 1
 1/8" = 1'-0" (FIG. 3-11)



PCB ADJACENT SURFACE SAMPLING PLAN PART F - UPPER LEVEL 3
 1/8" = 1'-0" (FIG. 3-11)



PCB ADJACENT SURFACE SAMPLING PLAN - MEZZANINE 2
 1/8" = 1'-0" (FIG. 3-11)



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL	SEAL	

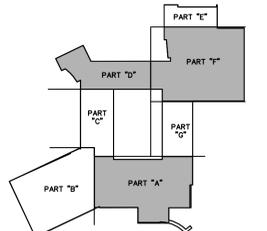
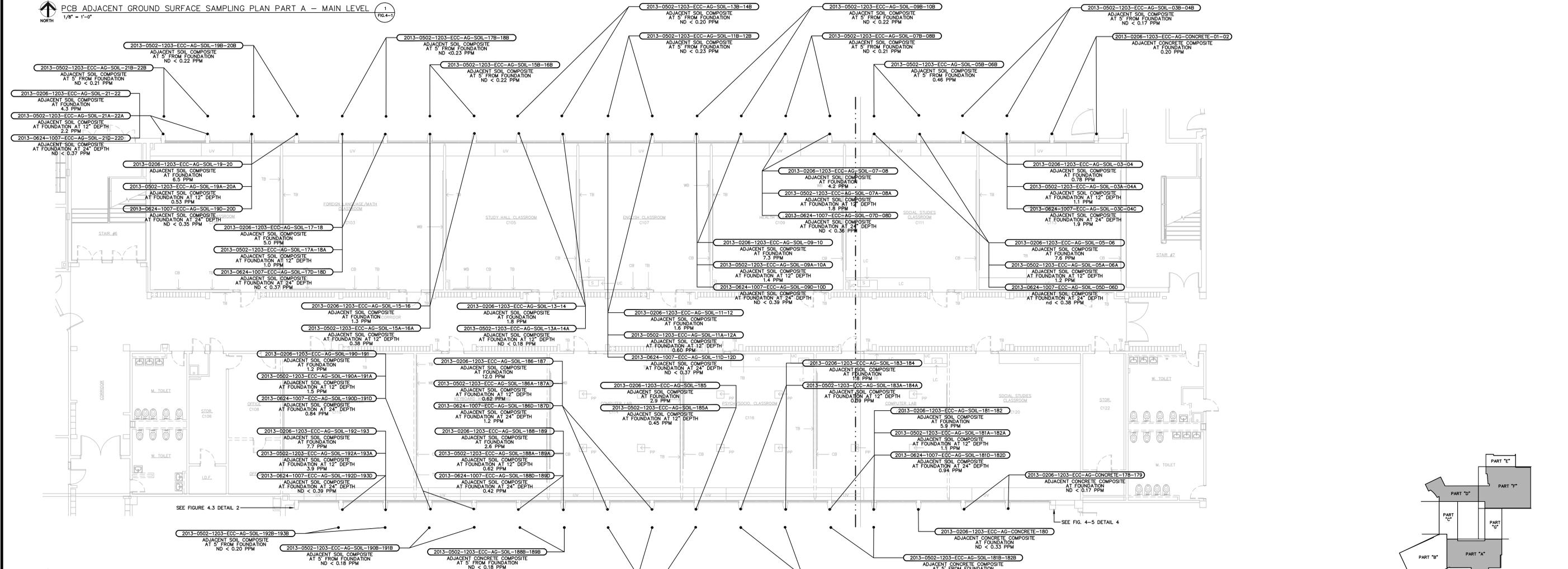
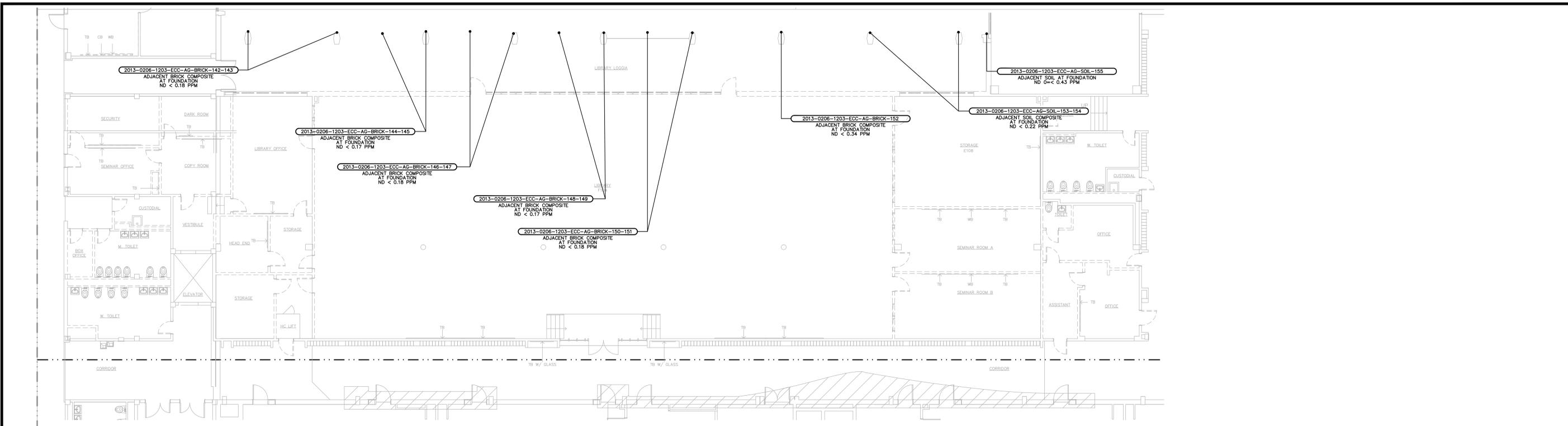
SCALE:
 HORZ.: 1/8" = 1'-0"
 VERT.:
 DATUM:
 HORZ.:
 VERT.:

GRAPHIC SCALE

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CITY OF BRIDGEPORT
 UPPER LEVEL PCB ADJACENT SURFACE SAMPLING PLAN
 PART G & F, MEZZANINE PART F
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013
FIG. 3-11

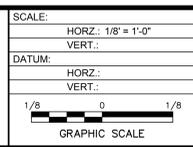


PCB ADJACENT GROUND SURFACE SAMPLING PLAN PART A - MAIN LEVEL
 1/8" = 1'-0"
 NORTH

PCB ADJACENT GROUND SURFACE SAMPLING PLAN PART D & F - MAIN LEVEL
 1/8" = 1'-0"
 NORTH

NO.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL



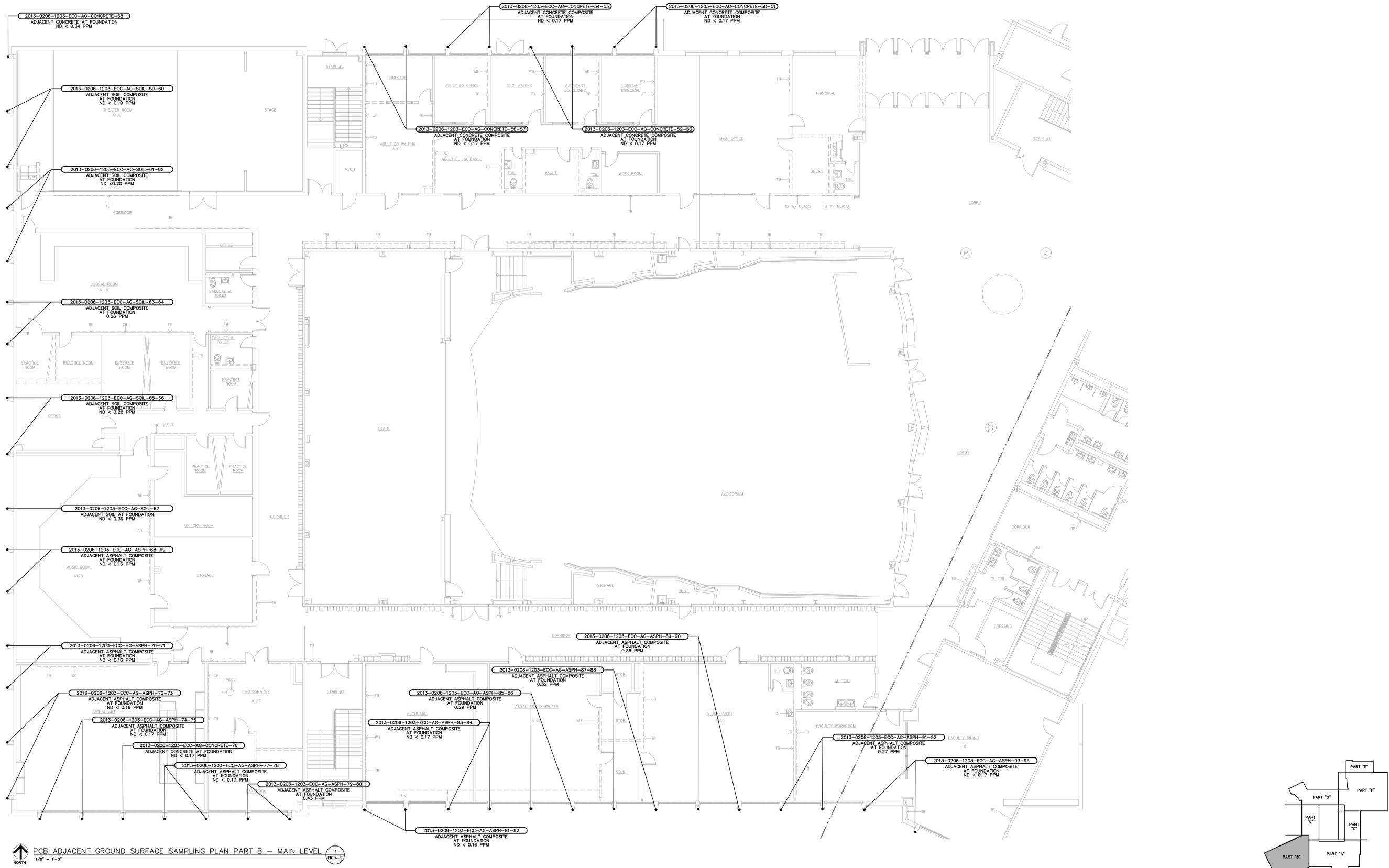
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CITY OF BRIDGEPORT
 MAIN LEVEL PCB ADJACENT GROUND SURFACE SAMPLING PLAN
 PART A, D, & F
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

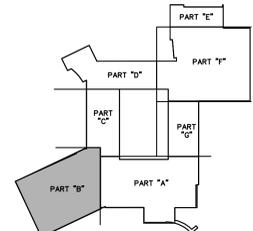
PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013
FIG. 4-1

File Path: C:\Users\slon\Desktop\20110793.A2E_PCB_10_CHS_MAIN.LEV.dwg Layout: FIG. 4-1 Plotted: Mon, September 30, 2013 - 8:31 AM User: slon
 MS VIEW: Plotter: NONE CTB File: F.O.STB LAYER STATE:

File Path: C:\Users\slonm\Desktop\PCB.dwg examples\20110793A2E_PCB10_CHS_MAIN.LEV.dwg Layout: FIG-4-2 Plotted: Mon, September 30, 2013 - 8:32 AM User: slonm
 MS VIEW: LAYER STATE: Problem: NONE C:\B File: F:\O STB

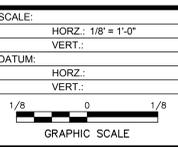


PCB ADJACENT GROUND SURFACE SAMPLING PLAN PART B -- MAIN LEVEL
 1/8" = 1'-0" (FIG. 4-2)



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL	
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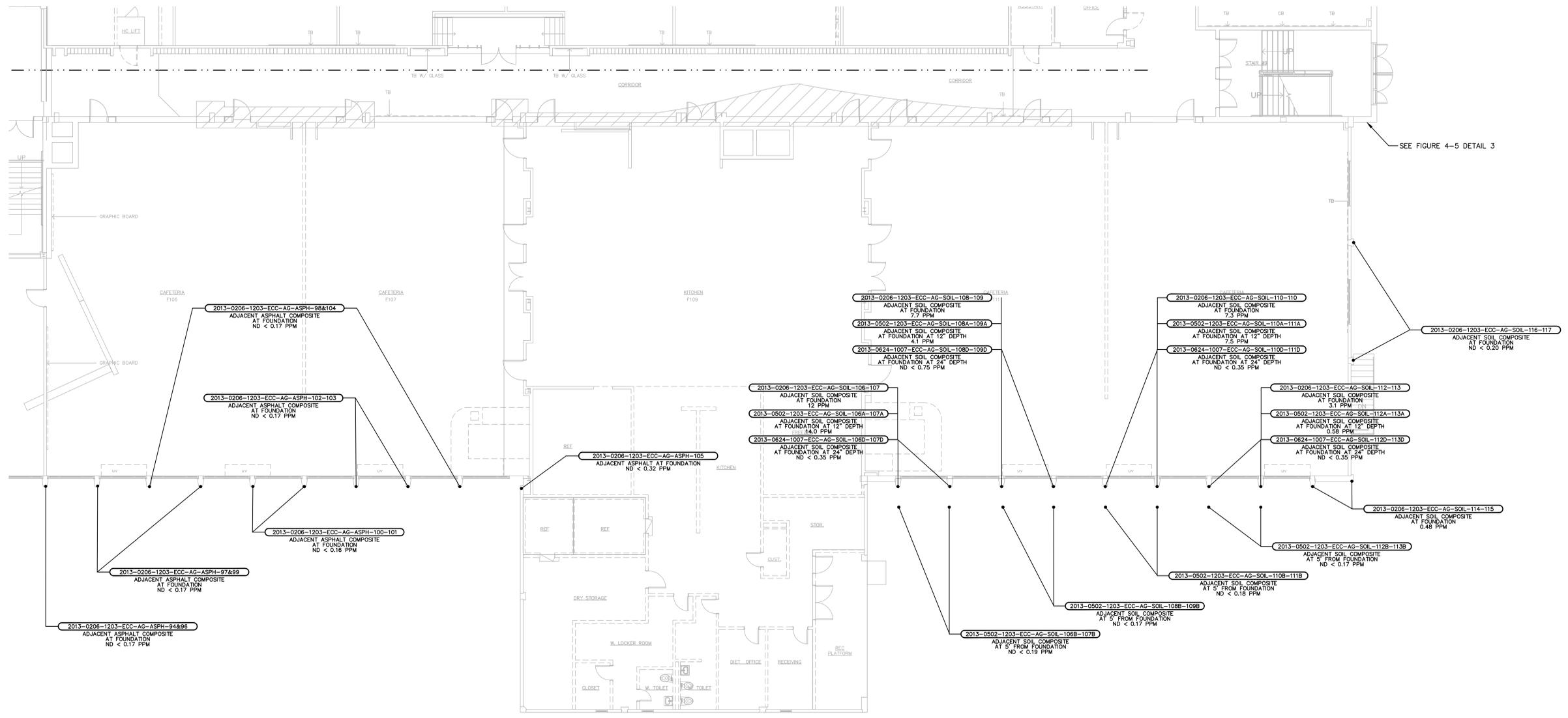


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 PART B
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

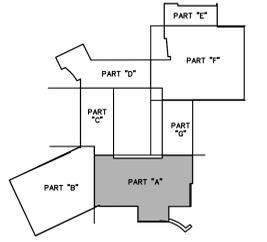
PROJ. No.: 20110793A2E
 DATE: SEPTEMBER 2013
FIG. 4-2

File Path: C:\Users\slions\Desktop\20110793A2E_PCB10_CHS_MAIN.LEV.dwg Layout: FIG-4-4 Plotted: Mon, September 30, 2013 - 8:33 AM User: slions
 MS VIEW: LAYER STATE: Plotter: NONE CTB File: F.O.STB



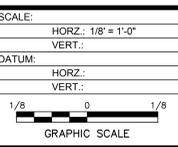
SEE FIGURE 4-5 DETAIL 3

PCB ADJACENT GROUND SURFACE SAMPLING PLAN - KITCHEN & CAFETERIA 1
 NORTH 1/8" = 1'-0" FIG. 4-4



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

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 MAIN LEVEL PCB ADJACENT GROUND SURFACE SAMPLING PLAN
 KITCHEN & CAFETERIA
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793A2E
 DATE: SEPTEMBER 2013
FIG. 4-4

File Path: C:\Users\stomata\Desktop\PCB.dwg example20110793A2E_PCB10_GHS_MAIN.LEV.dwg Layout: FIG-4-5 Plotted: Mon, September 30, 2013 - 8:34 AM User: stoms

MS VIEW: 1. DATE DESCRIPTION DESIGNER REVIEWER

LAYER STATE:

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL

SCALE:

HORIZ.: 1/8" = 1'-0"

VERT.: 1/8" = 1'-0"

DATUM:

HORIZ.: 1/8" = 1'-0"

VERT.: 1/8" = 1'-0"

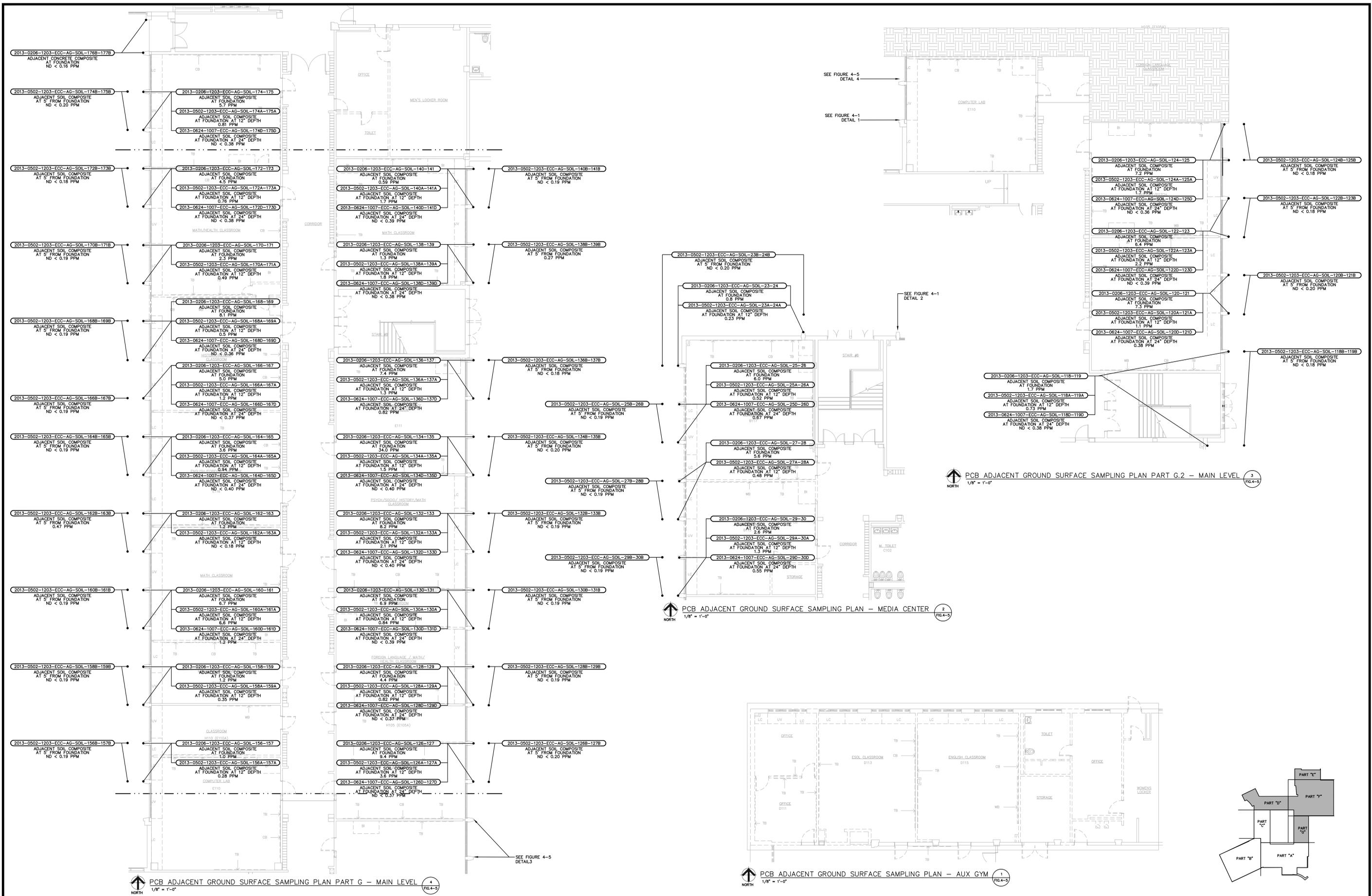
GRAPHIC SCALE

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MAIN LEVEL PCB ADJACENT GROUND SURFACE SAMPLING PLAN
CENTRAL HIGH SCHOOL
BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
DATE: SEPTEMBER 2013
FIG. 4-5



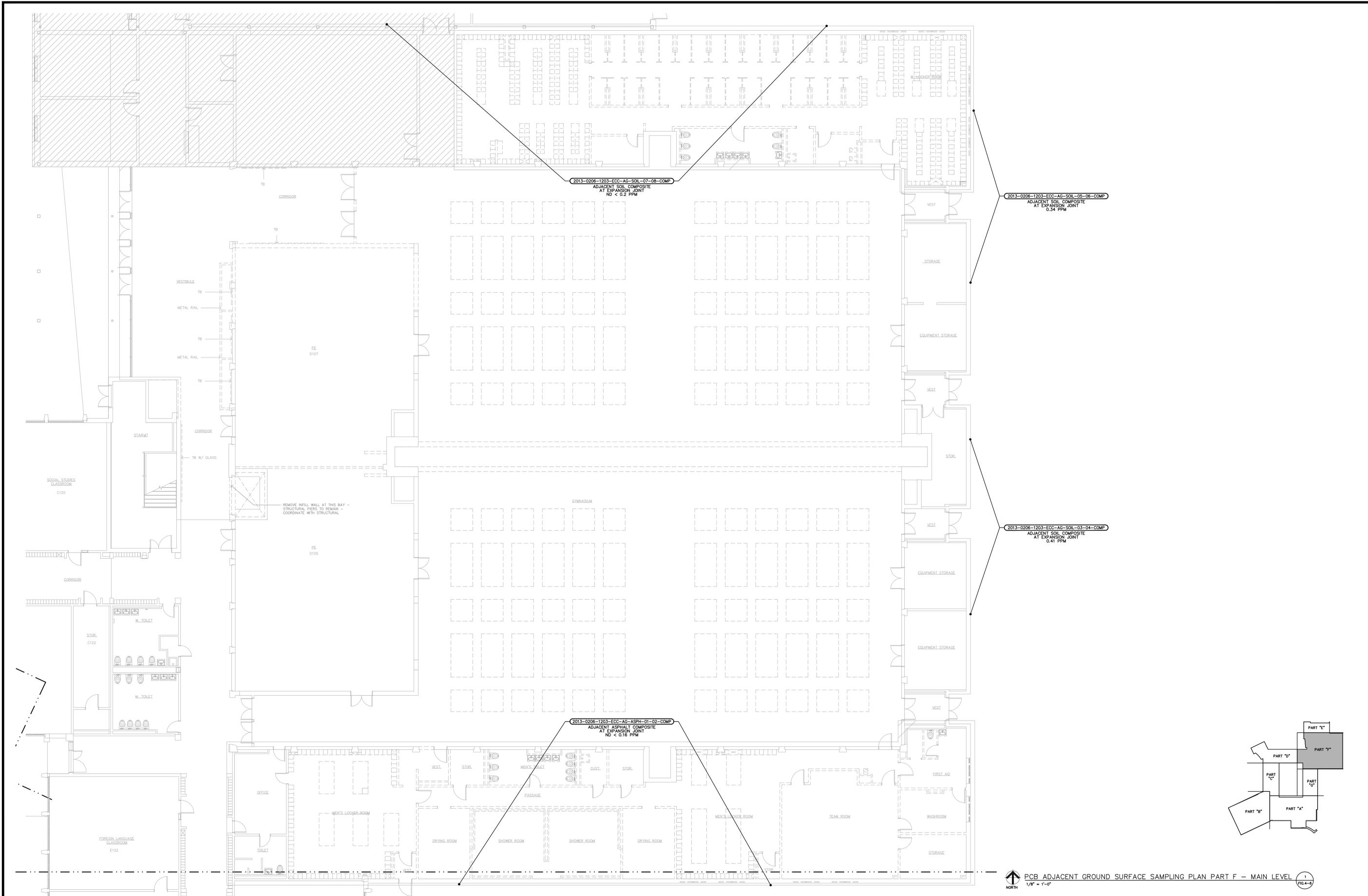
PCB ADJACENT GROUND SURFACE SAMPLING PLAN PART G - MAIN LEVEL 4 FIG. 4-5

PCB ADJACENT GROUND SURFACE SAMPLING PLAN - MEDIA CENTER 2 FIG. 4-5

PCB ADJACENT GROUND SURFACE SAMPLING PLAN PART G.2 - MAIN LEVEL 3 FIG. 4-5

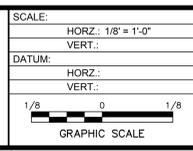
PCB ADJACENT GROUND SURFACE SAMPLING PLAN - AUX GYM 1 FIG. 4-5

File Path: C:\Users\slonra\Desktop\PCB.dwg example\20110793A2E_PCB10_GHS_MAIN.LEV.dwg Layout: FIG-4-6 Plotted: Mon, September 30, 2013 - 8:35 AM User: slonra
 MS VIEW: LAYER STATE: Problem: NONE CTB File: F.O.STB



No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

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 PART F
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793A2E
 DATE: SEPTEMBER 2013
FIG. 4-6

PCB ABATEMENT NOTES

PCB BULK PRODUCT WASTE REMOVAL

- ① REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR CONCRETE COLUMN/ROOFTOP COPING STONE CAULKING COMPOUNDS ASSOCIATED AS PCB BULK PRODUCT WASTE. FOLLOWING CLEANING, ENCAPSULATION OF CAULKING JOINT AND SIX INCHES OF CONTAMINATED CONCRETE ON EACH SIDE.
- ② REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR EXPANSION CAULKING COMPOUNDS AS PCB BULK PRODUCT WASTE. REMOVAL INCLUDES ONE COMPLETE BRICK ON EACH SIDE OF CAULKING JOINT.

PCB REMEDIATION WASTE REMOVAL

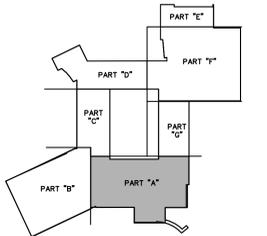
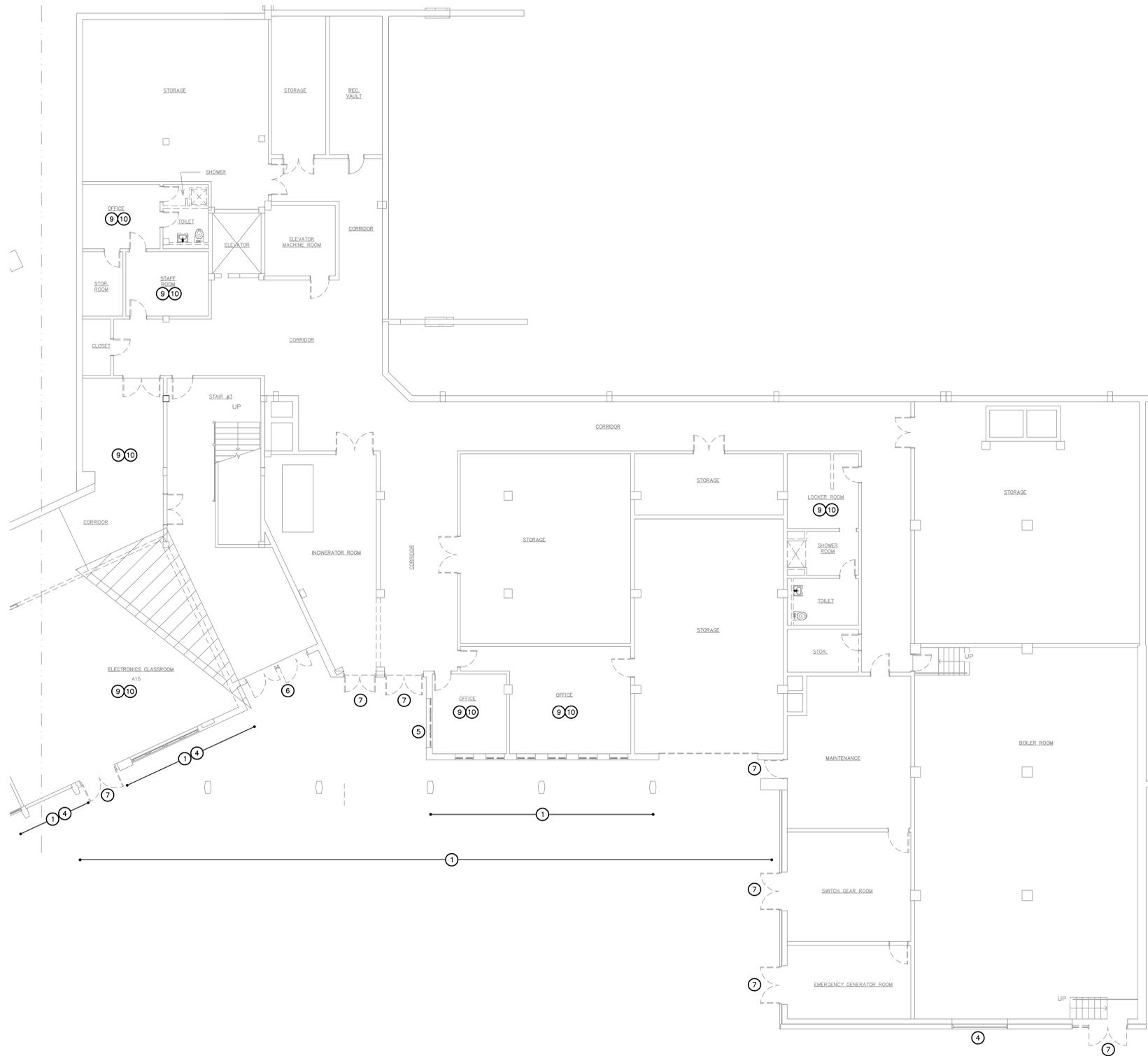
- ③ REMOVAL AND OFF-SITE DISPOSAL OF SOIL AS PCB REMEDIATION WASTE. EXCAVATION TO DEPTHS AS NOTED IN PLAN.

<50 PPM PCB BUILDING WASTE REMOVAL

- ④ REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR VENT CAULKING COMPOUNDS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES EXTERIOR VENT.
- ⑤ REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH OLDER SINGLE WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES WINDOW FRAME AND GLASS.
- ⑥ REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR DOOR/WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH STAIR TOWER DOOR/WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR/WINDOW FRAME AND GLASS.
- ⑦ REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR DOOR CAULKING COMPOUNDS ASSOCIATED WITH OLDER SINGLE DOOR SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR FRAME.
- ⑧ REMOVAL AND OFF-SITE DISPOSAL OF CEILING TILES AS <50 PPM PCB BUILDING WASTE.
- ⑨ REMOVAL AND OFF-SITE DISPOSAL OF BLACK MASTIC AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES FLOOR TILE.
- ⑩ REMOVAL AND OFF-SITE DISPOSAL OF COVE BASE GLUE AS <50 PPM PCB BUILDING WASTE. REMOVAL INCLUDES COVE BASE.

GENERAL NOTES

1. PCB ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028413 AS WELL AS THE SELF IMPLEMENTING ONSITE CLEAN UP AND DISPOSAL PLAN AND ASSOCIATED APPROVAL DEVELOPED FOR THE SITE. MATERIAL MAY CONTAIN REGULATED CONCENTRATIONS OF ASBESTOS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY MATERIALS THAT CONTAIN ASBESTOS AND REMOVE AND DISPOSE OF THE ACM/PCB MATERIALS IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS. ASBESTOS ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028213.
2. THIS PROJECT INCLUDES MULTIPLE MOBILIZATIONS AND CONTAINMENTS.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING WATER, LIGHTS, HEAT, AND POWER AT THE SITE AS NECESSARY TO PERFORM THE WORK.



PCB ABATEMENT PLAN PART A - LOWER LEVEL
1/8" = 1'-0" 1 FIG 5-1

File Path: C:\Users\jason\Desktop\PCB.dwg example20110793A2E_PCB11_GHS_LOW_LEV.dwg Layout: FIGS-1 Plotted: Tue, October 01, 2013 - 10:08 AM User: jasons
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No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL	SEAL

SCALE:

HORZ.: 1/8" = 1'-0"

VERT.:

DATUM:

HORZ.:

VERT.:

1/8" 0 1/8"

GRAPHIC SCALE

FUSS & O'NEILL
 EnviroScience, LLC
 146 HARTFORD ROAD
 MANCHESTER, CONNECTICUT 06040
 860.646.2469
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CITY OF BRIDGEPORT
 LOWER LEVEL PCB ABATEMENT PLAN
 PART A
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793A2E
 DATE: SEPTEMBER 2013
FIG 5-1

PCB ABATEMENT NOTES

PCB BULK PRODUCT WASTE REMOVAL

- ① REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR CONCRETE COLUMN/ROOFTOP COPING STONE CAULKING COMPOUNDS ASSOCIATED AS PCB BULK PRODUCT WASTE. FOLLOWING CLEANING, ENCAPSULATION OF CAULKING JOINT AND SIX INCHES OF CONTAMINATED CONCRETE ON EACH SIDE.
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PCB REMEDIATION WASTE REMOVAL

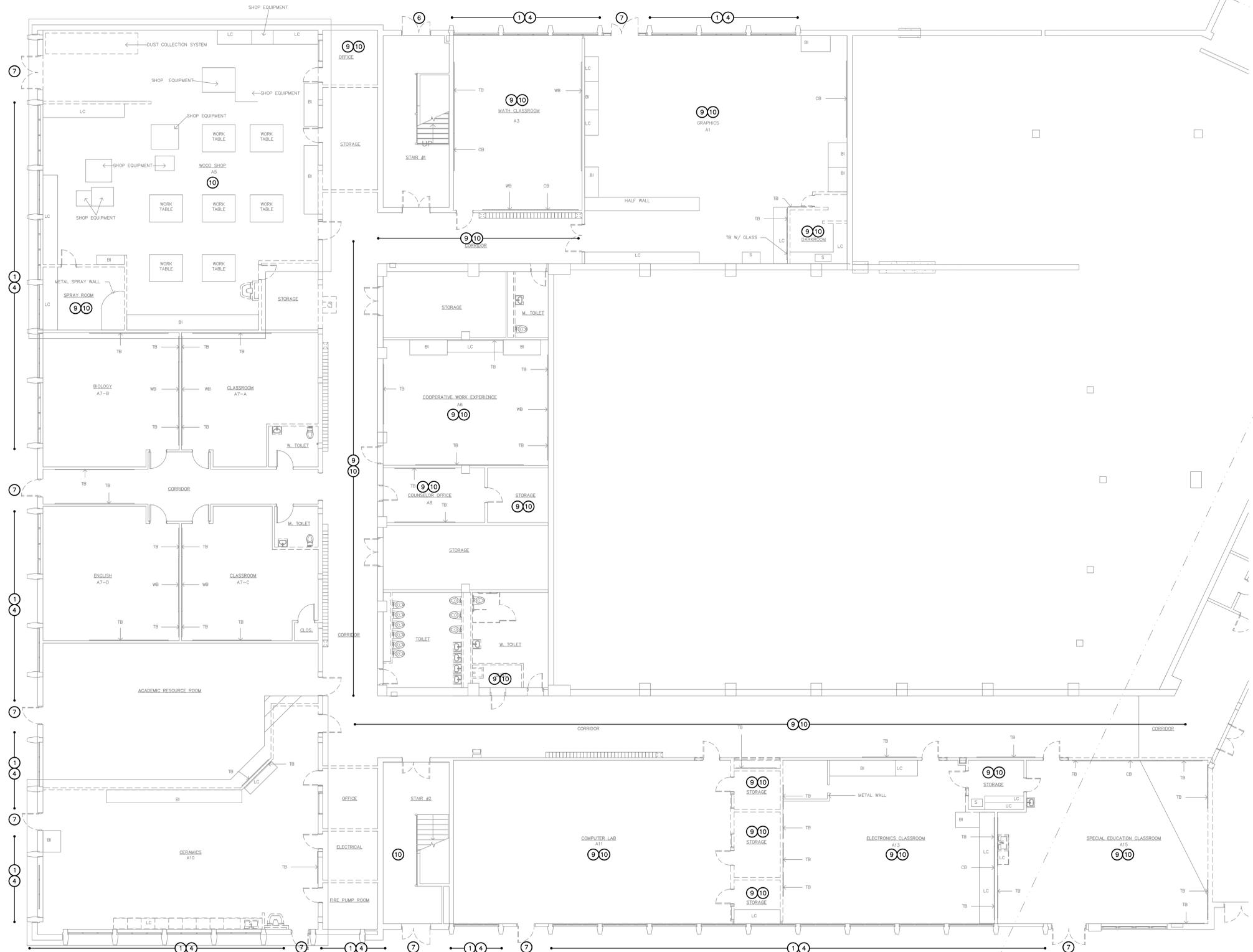
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<50 PPM PCB BUILDING WASTE REMOVAL

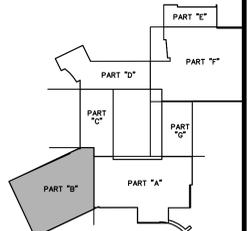
- ④ REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR VENT CAULKING COMPOUNDS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES EXTERIOR VENT.
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PCB ABATEMENT PLAN PART B - LOWER LEVEL
1/8" = 1'-0"



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No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

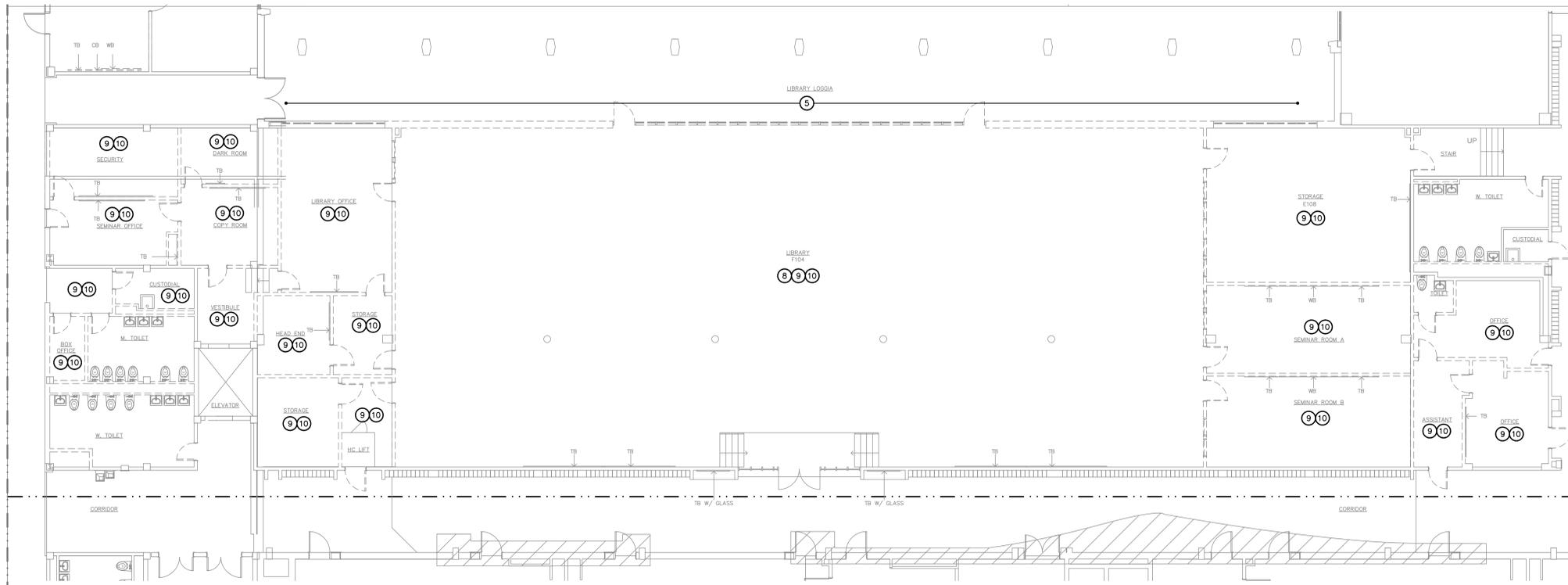
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SCALE:
 HORZ.: 1/8" = 1'-0"
 VERT.:
 DATUM:
 HORZ.:
 VERT.:
 1/8" 0 1/8"
 GRAPHIC SCALE

FUSS & O'NEILL
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CITY OF BRIDGEPORT
 LOWER LEVEL PCB ABATEMENT PLAN
 PART B
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013
FIG. 5-2



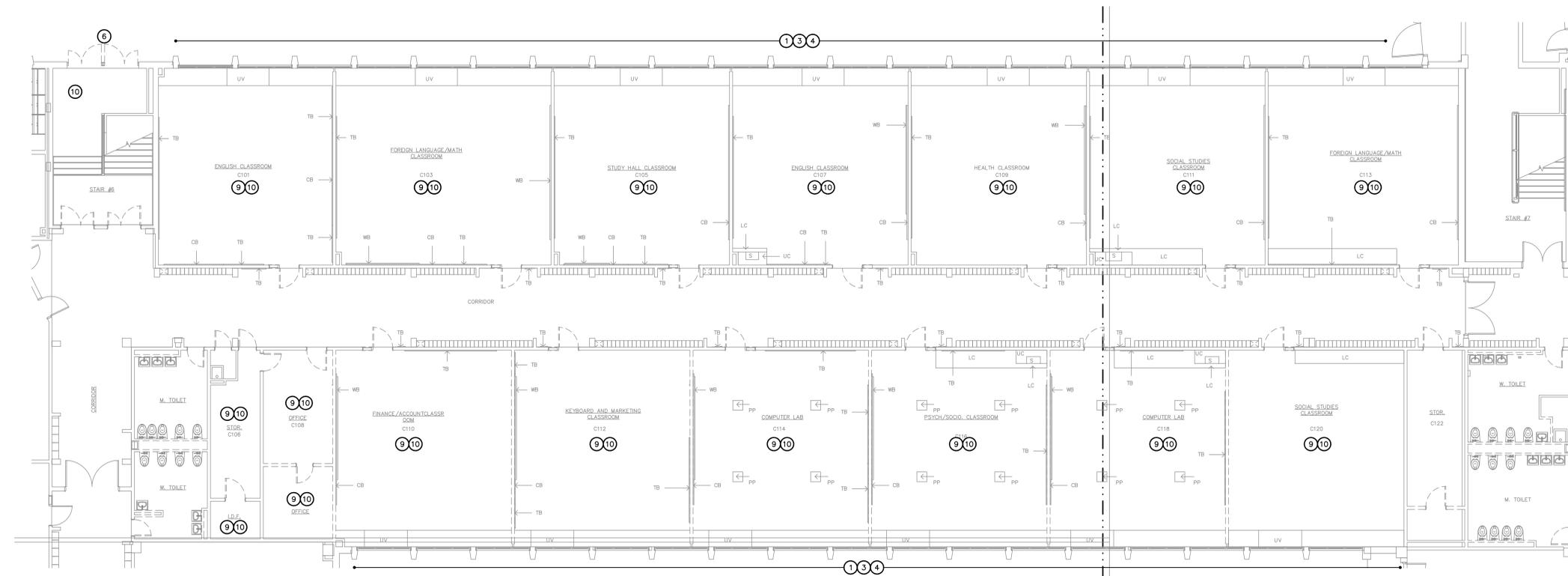
PCB ABATEMENT PLAN PART A - MAIN LEVEL
1/8" = 1'-0"
1
FIG. 5-3

PCB ABATEMENT NOTES

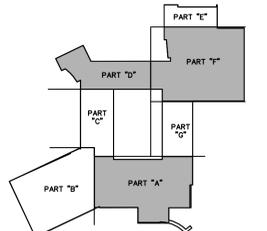
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- REMOVAL AND OFF-SITE DISPOSAL OF SOIL AS PCB REMEDIATION WASTE. EXCAVATION TO DEPTHS AS NOTED IN PLAN.
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GENERAL NOTES

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PCB ABATEMENT PLAN PART D & F - MAIN LEVEL
1/8" = 1'-0"
2
FIG. 5-3



File Path: C:\Users\stom\Desktop\PCB dwg examples\20110793A2E_PCB12_CHS_MAIN.LEV.dwg Layout: FIG.5-3 Plotted: Tue, October 01, 2013 - 10:10 AM User: ston
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No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

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SCALE:

HORIZ.: 1/8" = 1'-0"

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DATUM:

HORIZ.:

VERT.:

1/8" 0 1/8"

GRAPHIC SCALE

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CITY OF BRIDGEPORT
 MAIN LEVEL PCB ABATEMENT PLAN
 PART A, D, & F
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013
FIG. 5-3

PCB ABATEMENT NOTES

PCB BULK PRODUCT WASTE REMOVAL

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PCB REMEDIATION WASTE REMOVAL

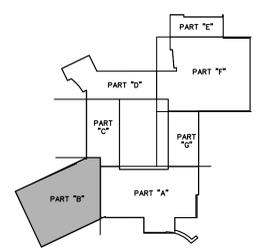
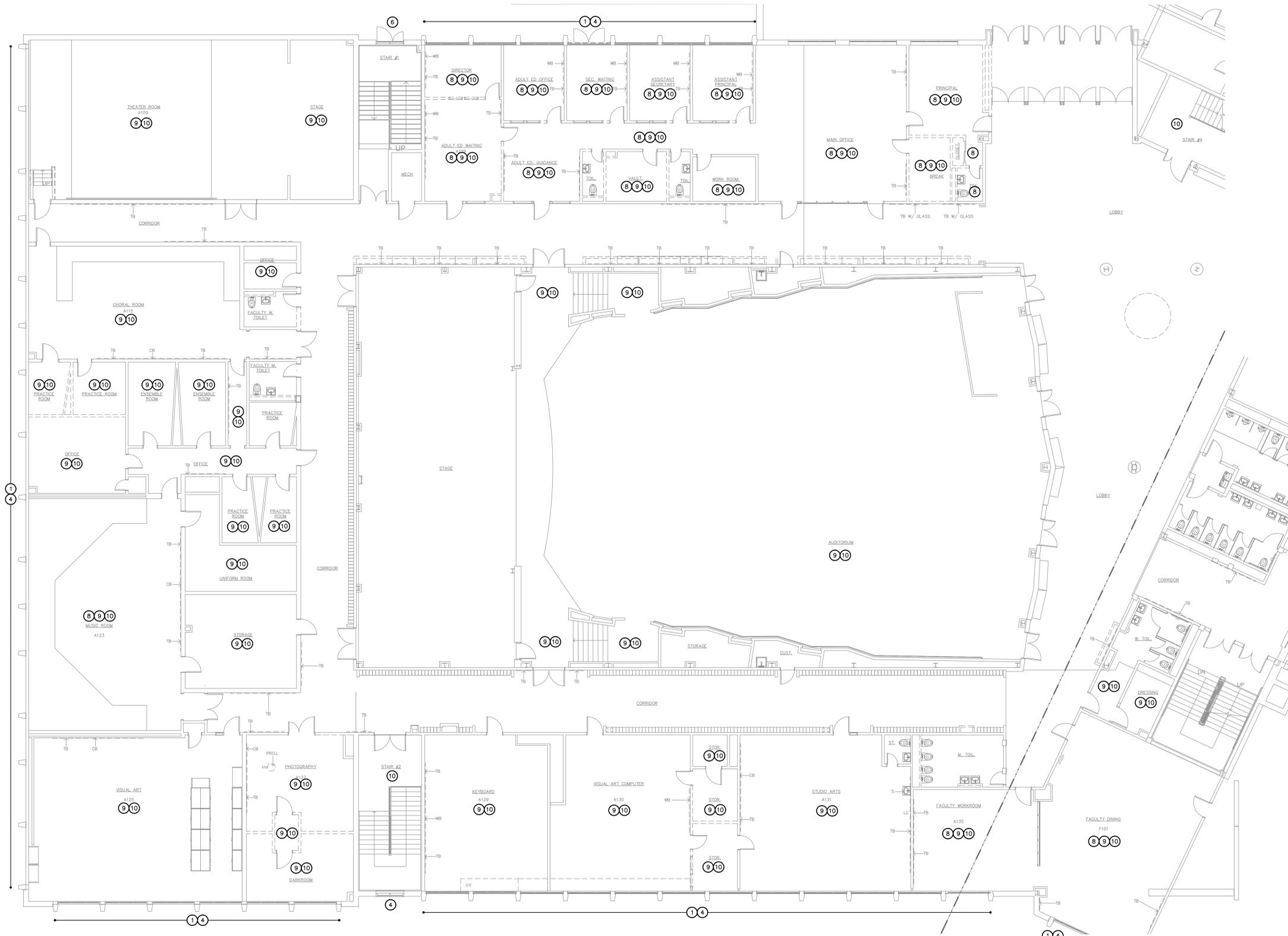
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<50 PPM PCB BUILDING WASTE REMOVAL

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GENERAL NOTES

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PCB ABATEMENT PLAN PART B -- MAIN LEVEL
1/8" = 1'-0"

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No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL	SEAL	
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SCALE:

HORIZ.: 1/8" = 1'-0"
VERT.:
DATUM:
HORIZ.:
VERT.:

1/8" 0 1/8"

GRAPHIC SCALE

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 EnviroScience, LLC
 146 HARTFORD ROAD
 MANCHESTER, CONNECTICUT 06040
 860.646.2469
 www.fandoh.com

CITY OF BRIDGEPORT
 MAIN LEVEL PCB ABATEMENT PLAN
 PART B
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793A2E
 DATE: SEPTEMBER 2013
FIG. 5-4

File Path: C:\Users\stom\Desktop\PCB\Fig 5-6 Main Level.dwg Layout: FIGS-6 Main Level.dwg Plotted: Tue, October 01, 2013 - 10:11 AM User: ston
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PCB ABATEMENT NOTES

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PCB REMEDIATION WASTE REMOVAL

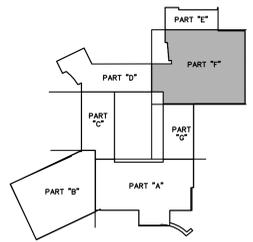
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<50 PPM PCB BUILDING WASTE REMOVAL

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GENERAL NOTES

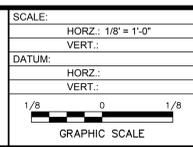
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PCB ABATEMENT PLAN PART F -- MAIN LEVEL
 1/8" = 1'-0"

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL	SEAL	



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 PART F
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 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013

FIG. 5-6

PCB ABATEMENT NOTES

PCB BULK PRODUCT WASTE REMOVAL

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PCB REMEDIATION WASTE REMOVAL

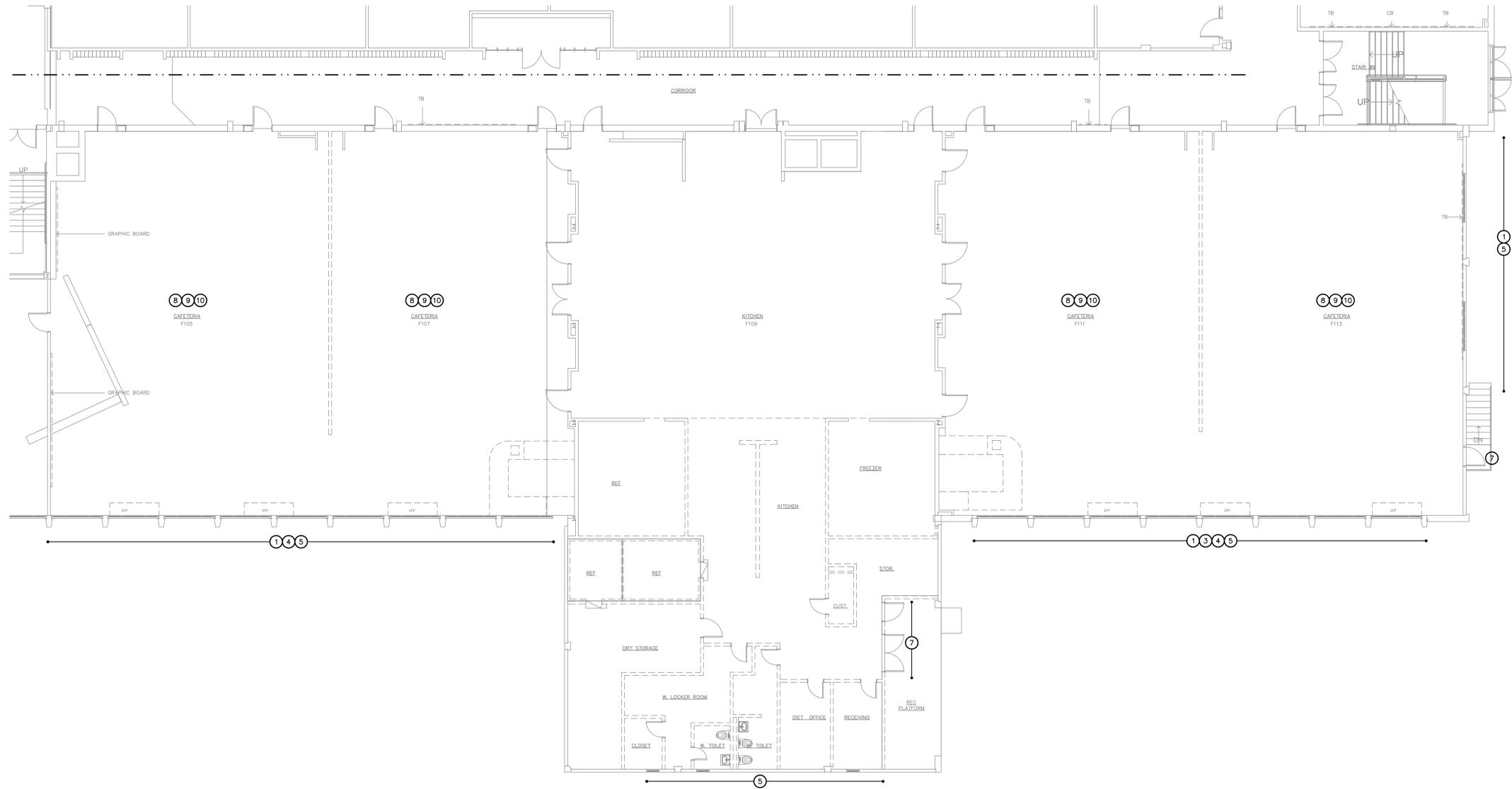
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- ⑦ REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR DOOR CAULKING COMPOUNDS ASSOCIATED WITH OLDER SINGLE DOOR SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR FRAME.
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- ⑨ REMOVAL AND OFF-SITE DISPOSAL OF BLACK MASTIC AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES FLOOR TILE.
- ⑩ REMOVAL AND OFF-SITE DISPOSAL OF COVE BASE GLUE AS <50 PPM PCB BUILDING WASTE. REMOVAL INCLUDES COVE BASE.

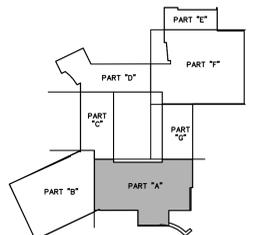
GENERAL NOTES

1. PCB ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028413 AS WELL AS THE SELF IMPLEMENTING ONSITE CLEAN UP AND DISPOSAL PLAN AND ASSOCIATED APPROVAL DEVELOPED FOR THE SITE. MATERIAL MAY CONTAIN REGULATED CONCENTRATIONS OF ASBESTOS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY MATERIALS THAT CONTAIN ASBESTOS AND REMOVE AND DISPOSE OF THE ACM/PCB MATERIALS IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS. ASBESTOS ABATEMENT WORK IS TO BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028213.
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3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING WATER, LIGHTS, HEAT, AND POWER AT THE SITE AS NECESSARY TO PERFORM THE WORK.



PCB ABATEMENT PLAN - KITCHEN & CAFETERIA
1/8" = 1'-0"

1
FIG. 5-7



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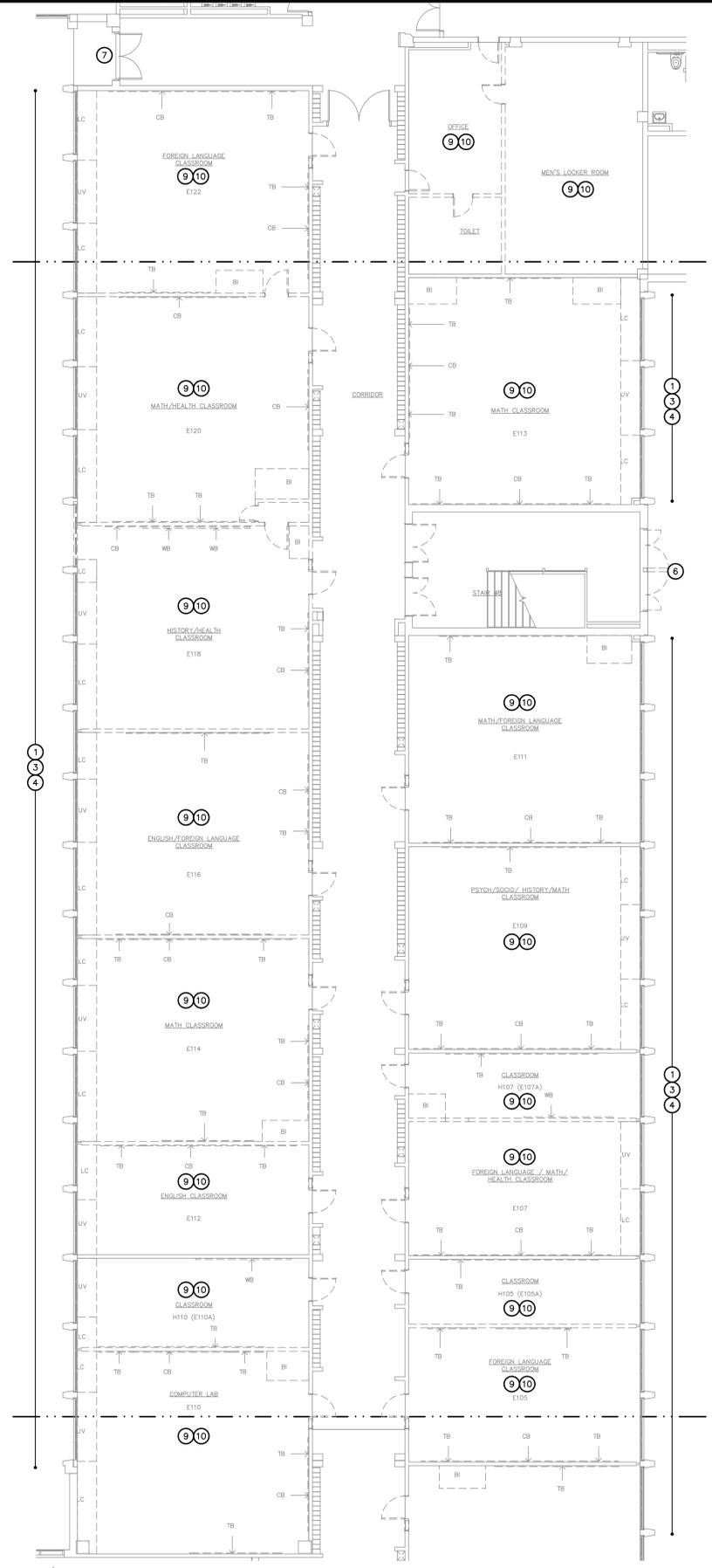
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DATUM:	HORIZ.:
	VERT.:
GRAPHIC SCALE	

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 EnviroScience, LLC
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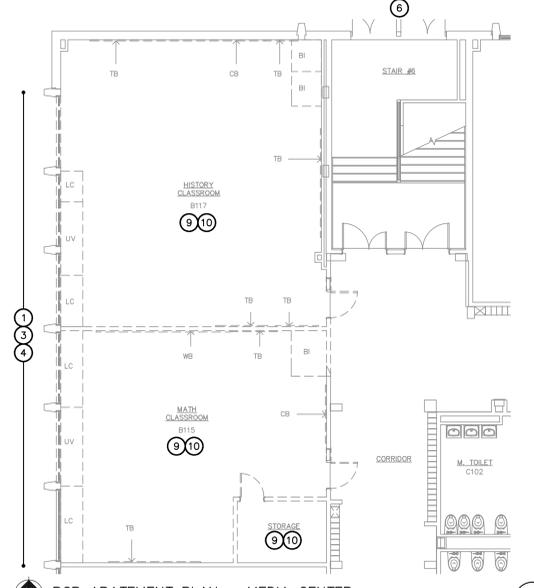
CITY OF BRIDGEPORT
 MAIN LEVEL PCB ABATEMENT PLAN
 KITCHEN & CAFETERIA
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013
FIG. 5-7

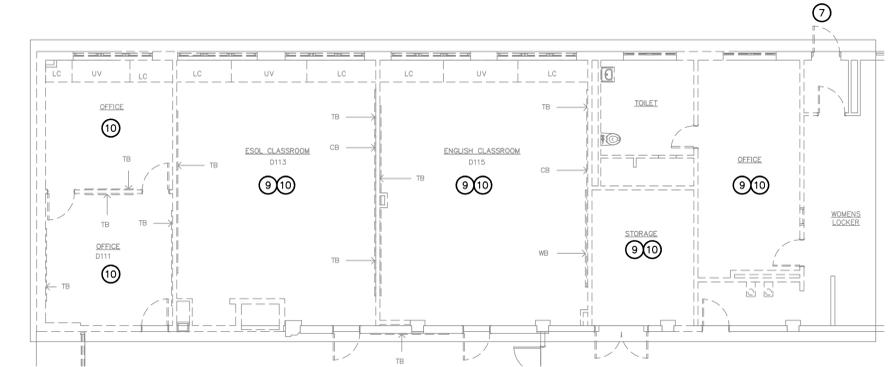
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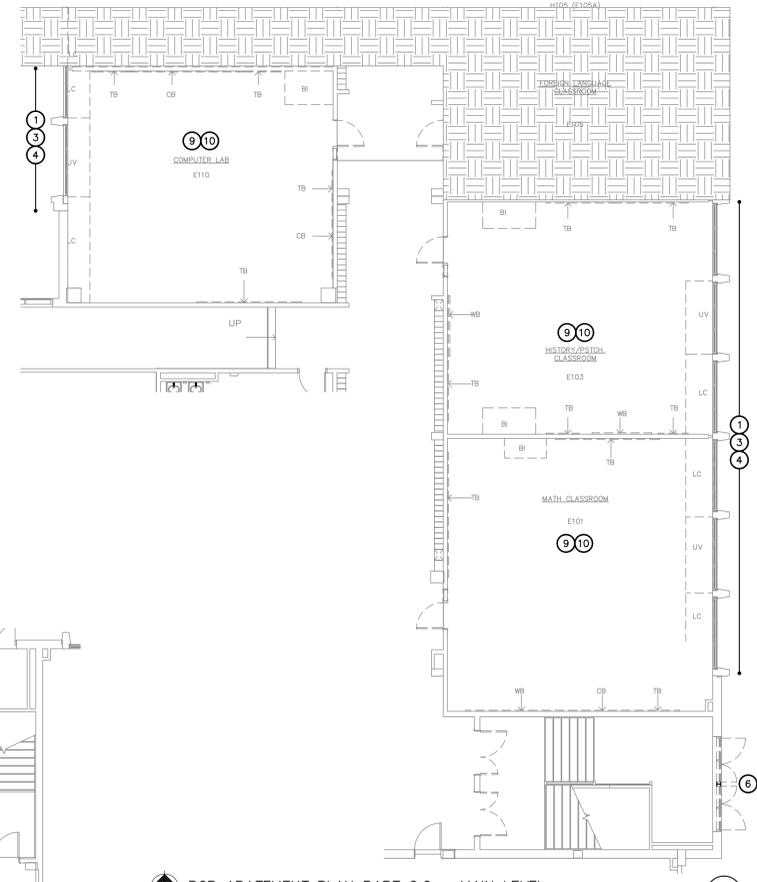
PCB ABATEMENT PLAN PART G - MAIN LEVEL
 1/8" = 1'-0"
 NORTH



PCB ABATEMENT PLAN - MEDIA CENTER
 1/8" = 1'-0"
 NORTH



PCB ABATEMENT PLAN - AUX GYM
 1/8" = 1'-0"
 NORTH



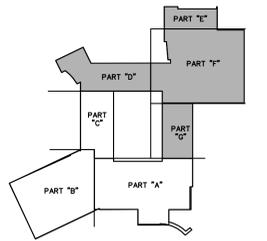
PCB ABATEMENT PLAN PART G.2 - MAIN LEVEL
 1/8" = 1'-0"
 NORTH

PCB ABATEMENT NOTES

- PCB BULK PRODUCT WASTE REMOVAL**
- ① REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR CONCRETE COLUMN/ROOFTOP COPING STONE CAULKING COMPOUNDS ASSOCIATED AS PCB BULK PRODUCT WASTE. FOLLOWING CLEANING, ENCAPSULATION OF CAULKING JOINT AND SIX INCHES OF CONTAMINATED CONCRETE ON EACH SIDE.
 - ② REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR EXPANSION CAULKING COMPOUNDS AS PCB BULK PRODUCT WASTE. REMOVAL INCLUDES ONE COMPLETE BRICK ON EACH SIDE OF CAULKING JOINT.
- PCB REMEDIATION WASTE REMOVAL**
- ③ REMOVAL AND OFF-SITE DISPOSAL OF SOIL AS PCB REMEDIATION WASTE. EXCAVATION TO DEPTHS AS NOTED IN PLAN.
- <50 PPM PCB BUILDING WASTE REMOVAL**
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 - ⑩ REMOVAL AND OFF-SITE DISPOSAL OF COVE BASE GLUE AS <50 PPM PCB BUILDING WASTE. REMOVAL INCLUDES COVE BASE.

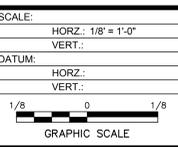
GENERAL NOTES

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No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

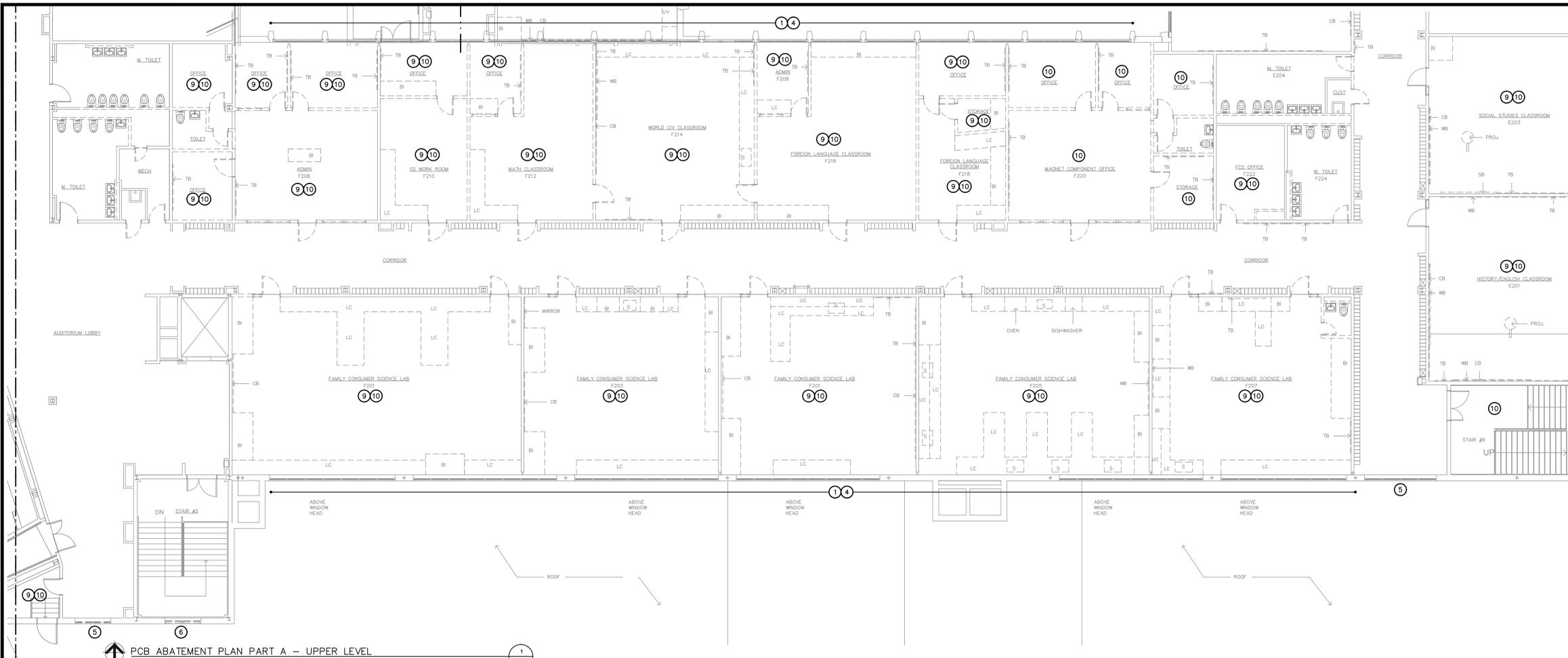
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CITY OF BRIDGEPORT
 MAIN LEVEL PCB ABATEMENT PLAN
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013
FIG. 5-8



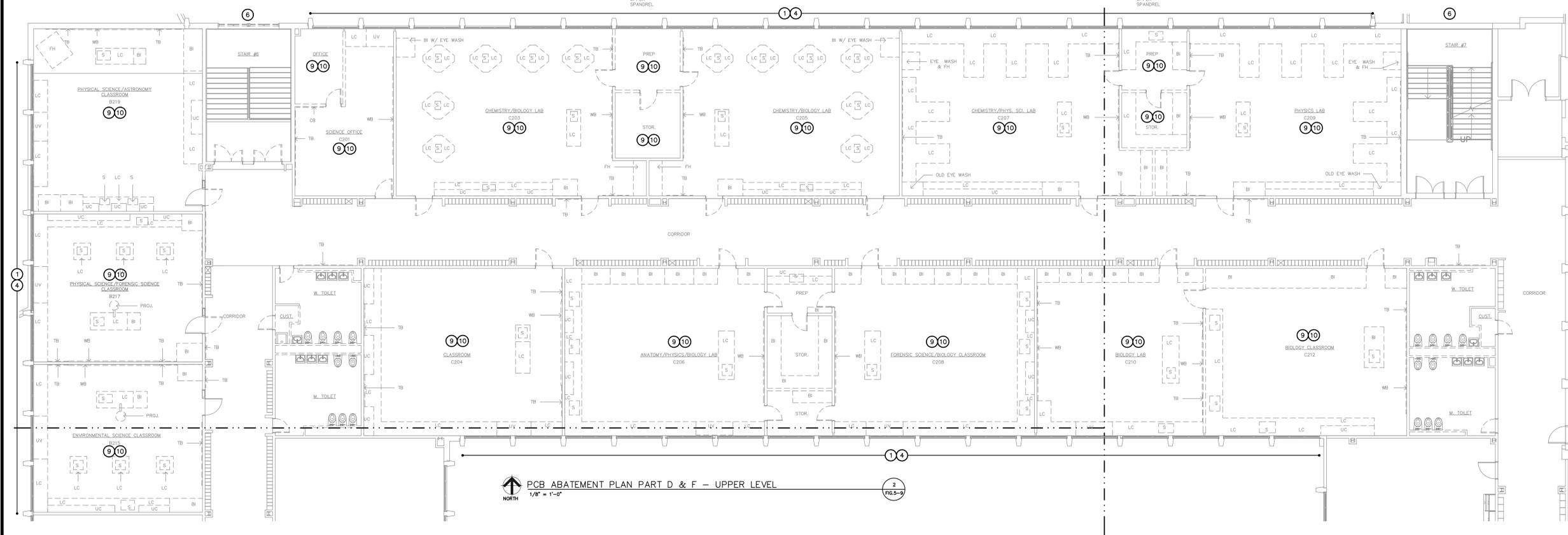
PCB ABATEMENT NOTES

- PCB BULK PRODUCT WASTE REMOVAL**
- 1. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR CONCRETE COLUMN/ROOFTOP COPING STONE CAULKING COMPOUNDS ASSOCIATED AS PCB BULK PRODUCT WASTE. FOLLOWING CLEANING, ENCAPSULATION OF CAULKING JOINT AND SIX INCHES OF CONTAMINATED CONCRETE ON EACH SIDE.
 - 2. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR EXPANSION CAULKING COMPOUNDS AS PCB BULK PRODUCT WASTE. REMOVAL INCLUDES ONE COMPLETE BRICK ON EACH SIDE OF CAULKING JOINT.
- PCB REMEDIATION WASTE REMOVAL**
- 3. REMOVAL AND OFF-SITE DISPOSAL OF SOIL AS PCB REMEDIATION WASTE. EXCAVATION TO DEPTHS AS NOTED IN PLAN.
- <50 PPM PCB BUILDING WASTE REMOVAL**
- 4. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR VENT CAULKING COMPOUNDS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES EXTERIOR VENT.
 - 5. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH OLDER SINGLE WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES WINDOW FRAME AND GLASS.
 - 6. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR AND INTERIOR DOOR/WINDOW CAULKING AND GLAZING COMPOUNDS ASSOCIATED WITH STAIR TOWER DOOR/WINDOW SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR/WINDOW FRAME AND GLASS.
 - 7. REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR DOOR CAULKING COMPOUNDS ASSOCIATED WITH OLDER SINGLE DOOR SYSTEMS AS <50 PPM PCB BUILDING WASTE MIXED WITH ASBESTOS. REMOVAL INCLUDES DOOR FRAME.
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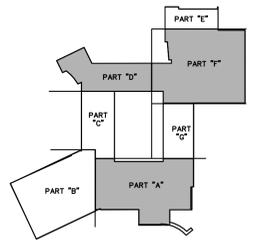
GENERAL NOTES

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PCB ABATEMENT PLAN PART A -- UPPER LEVEL
1/8" = 1'-0"



PCB ABATEMENT PLAN PART D & F -- UPPER LEVEL
1/8" = 1'-0"



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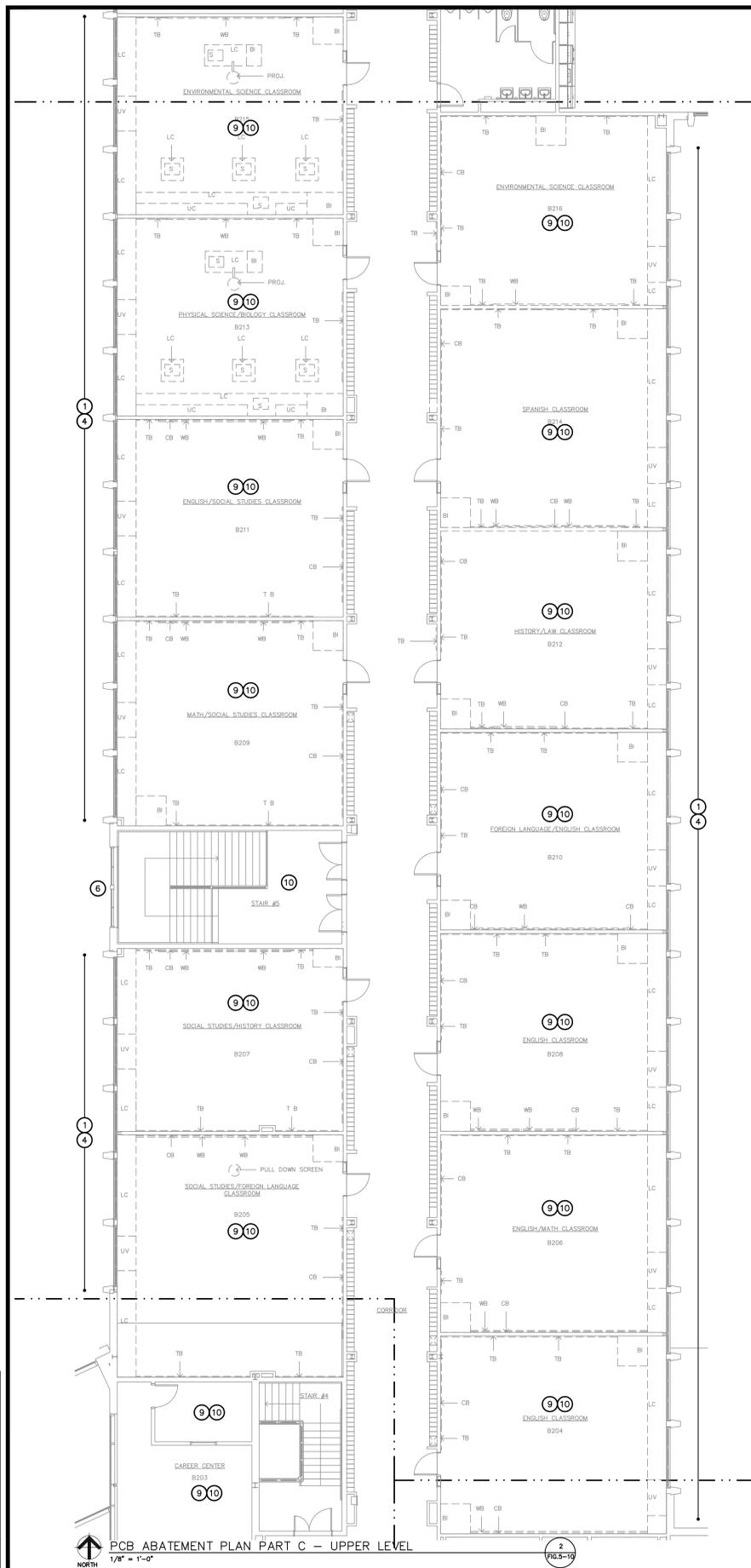
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CITY OF BRIDGEPORT
 UPPER LEVEL PCB ABATEMENT PLAN
 PART A, D, & F
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793A2E
 DATE: SEPTEMBER 2013
FIG. 5-9

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PCB ABATEMENT NOTES

PCB BULK PRODUCT WASTE REMOVAL

- ① REMOVAL AND OFF-SITE DISPOSAL OF EXTERIOR CONCRETE COLUMN/ROOFTOP COPING STONE CAULKING COMPOUNDS ASSOCIATED AS PCB BULK PRODUCT WASTE. FOLLOWING CLEANING, ENCAPSULATION OF CAULKING JOINT AND SIX INCHES OF CONTAMINATED CONCRETE ON EACH SIDE.
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PCB REMEDIATION WASTE REMOVAL

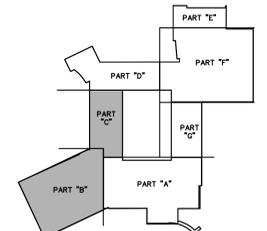
- ③ REMOVAL AND OFF-SITE DISPOSAL OF SOIL AS PCB REMEDIATION WASTE. EXCAVATION TO DEPTHS AS NOTED IN PLAN.

<50 PPM PCB BUILDING WASTE REMOVAL

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PCB ABATEMENT PLAN PART B - UPPER LEVEL
 1/8" = 1'-0"

PCB ABATEMENT PLAN PART C - UPPER LEVEL
 1/8" = 1'-0"

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

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SCALE:
 HORZ.: 1/8" = 1'-0"
 VERT.:

DATUM:
 HORZ.:

VERT.:

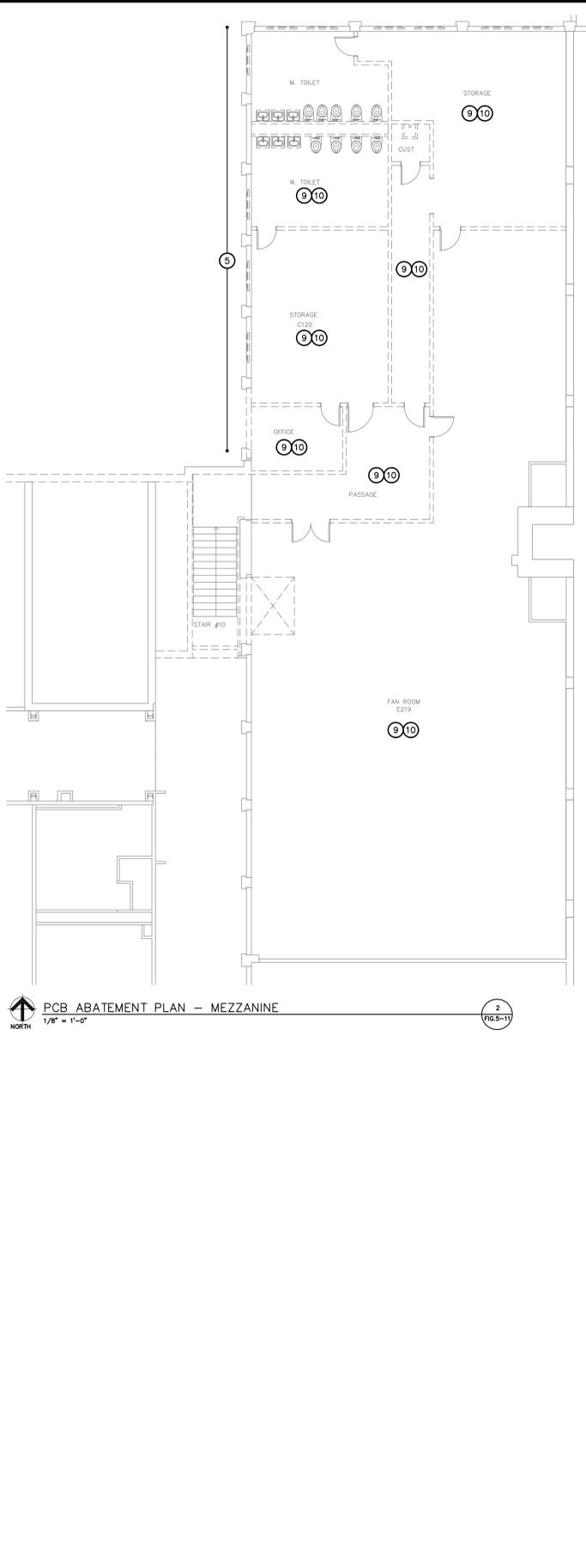
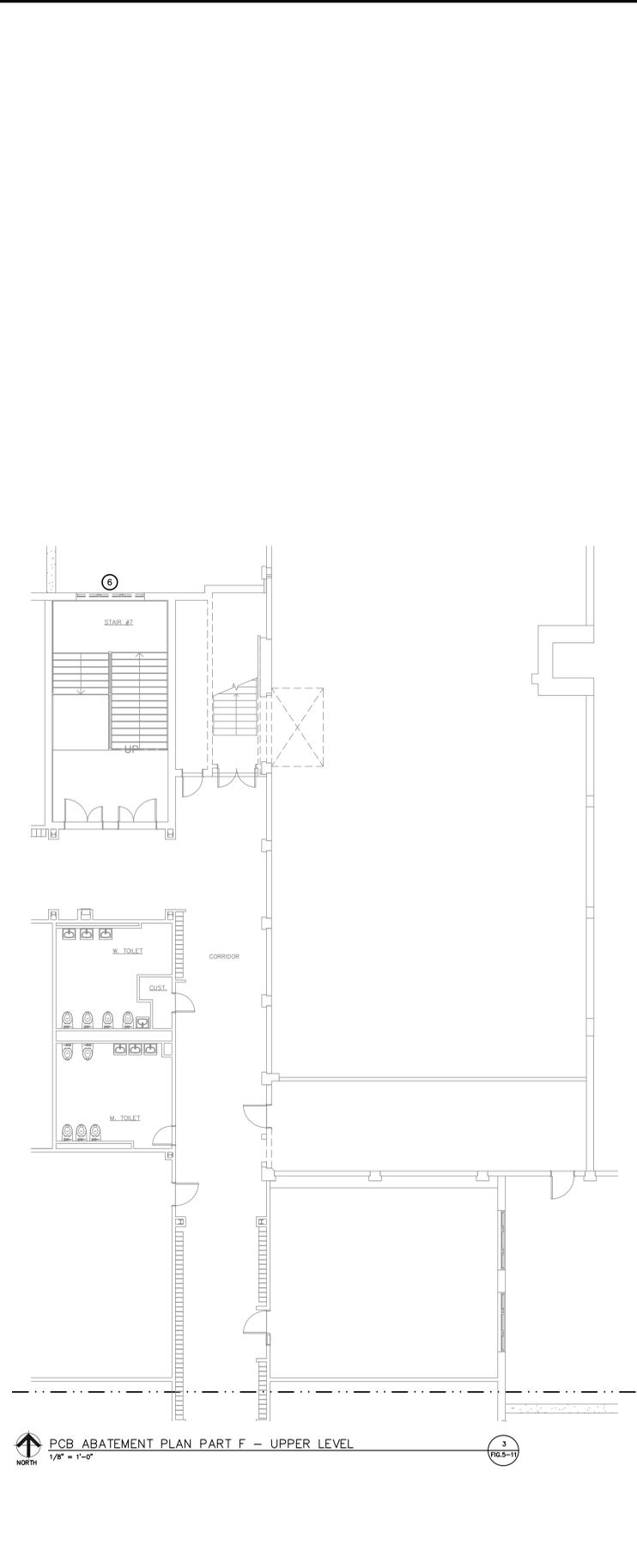
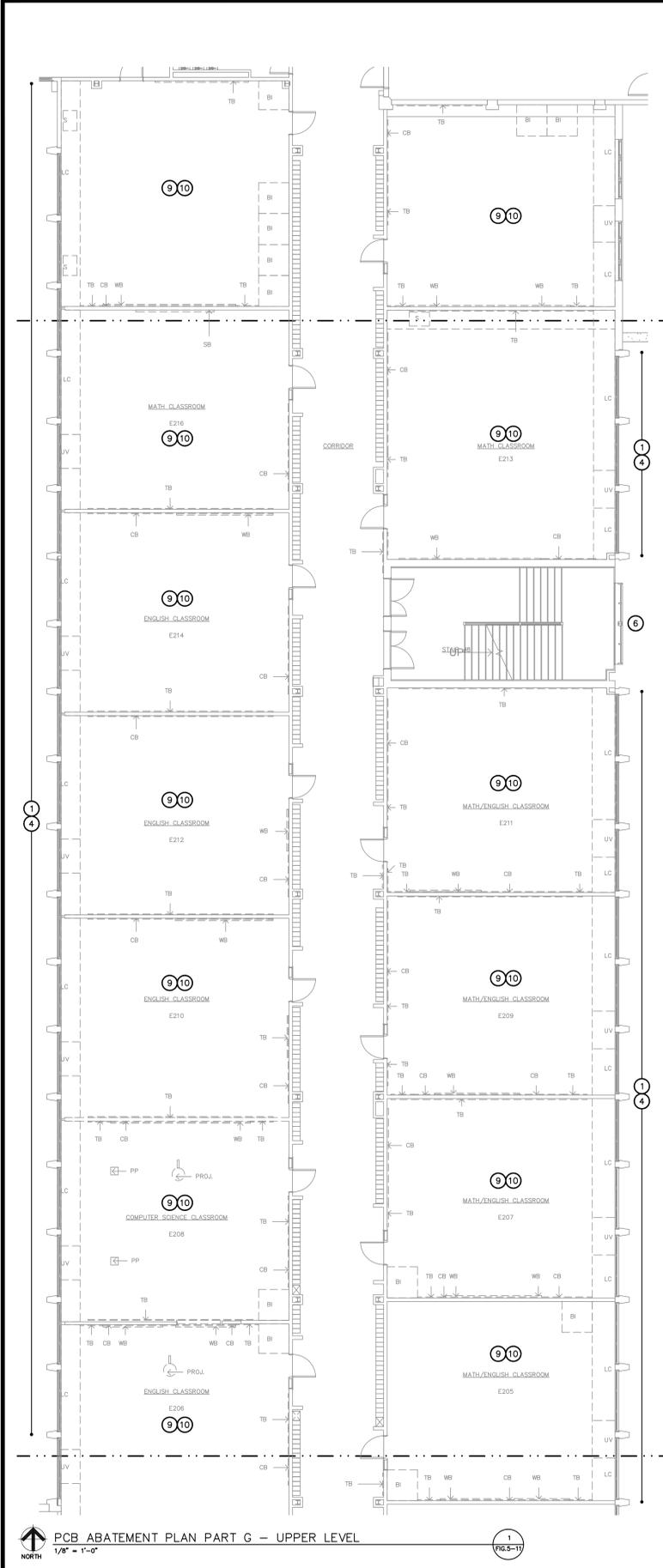
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 GRAPHIC SCALE

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CITY OF BRIDGEPORT
 UPPER LEVEL PCB ABATEMENT PLAN
 PART B & G
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793.A2E
 DATE: SEPTEMBER 2013
FIG. 5-10

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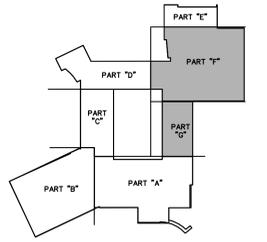


PCB ABATEMENT NOTES

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- ③ REMOVAL AND OFF-SITE DISPOSAL OF SOIL AS PCB REMEDIATION WASTE. EXCAVATION TO DEPTHS AS NOTED IN PLAN.
- <50 PPM PCB BUILDING WASTE REMOVAL**
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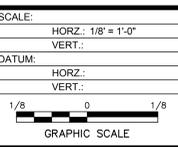
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No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL	SEAL
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CITY OF BRIDGEPORT
 UPPER LEVEL PCB ABATEMENT PLAN
 PART G & F, MEZZANINE PART F
 CENTRAL HIGH SCHOOL
 BRIDGEPORT, CONNECTICUT

PROJ. No.: 20110793A2E
 DATE: SEPTEMBER 2013
FIG. 5-11

Appendix A

Laboratory Analysis and Chain of Custody Source Materials - Bulk



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date Time
 04/02/12 0:00
 04/03/12 16:05

Laboratory Data

SDG ID: GBB61332
 Phoenix ID: BB61332

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 BR-EEC-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	4000	mg/kg	04/08/12		AW	3540C/8082
PCB-1221	ND	4000	mg/kg	04/08/12		AW	3540C/8082
PCB-1232	ND	4000	mg/kg	04/08/12		AW	3540C/8082
PCB-1242	ND	4000	mg/kg	04/08/12		AW	3540C/8082
PCB-1248	4400	4000	mg/kg	04/08/12		AW	3540C/8082
PCB-1254	ND	4000	mg/kg	04/08/12		AW	3540C/8082
PCB-1260	ND	4000	mg/kg	04/08/12		AW	3540C/8082
PCB-1262	ND	4000	mg/kg	04/08/12		AW	3540C/8082
PCB-1268	ND	4000	mg/kg	04/08/12		AW	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	Diluted Out		%	04/08/12		AW	30 - 150 %
% TCMX	Diluted Out		%	04/08/12		AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 BR-EEC-01A

Phoenix I.D.: BB61332

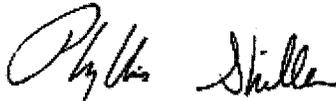
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date Time
 04/02/12 0:00
 04/03/12 16:05

Laboratory Data

SDG ID: GBB61332
 Phoenix ID: BB61333

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 CN-ECC-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	3800	mg/kg	04/08/12		AW	3540C/8082
PCB-1221	ND	3800	mg/kg	04/08/12		AW	3540C/8082
PCB-1232	ND	3800	mg/kg	04/08/12		AW	3540C/8082
PCB-1242	ND	3800	mg/kg	04/08/12		AW	3540C/8082
PCB-1248	8400	3800	mg/kg	04/08/12		AW	3540C/8082
PCB-1254	ND	3800	mg/kg	04/08/12		AW	3540C/8082
PCB-1260	ND	3800	mg/kg	04/08/12		AW	3540C/8082
PCB-1262	ND	3800	mg/kg	04/08/12		AW	3540C/8082
PCB-1268	ND	3800	mg/kg	04/08/12		AW	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	Diluted Out		%	04/08/12		AW	30 - 150 %
% TCMX	Diluted Out		%	04/08/12		AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 CN-ECC-01A

Phoenix I.D.: BB61333

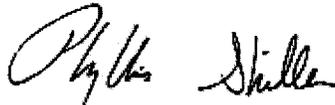
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date Time
 04/02/12 0:00
 04/03/12 16:05

Laboratory Data

SDG ID: GBB61332
 Phoenix ID: BB61334

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 CN-ECC-01B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	3700	mg/kg	04/09/12		AW	3540C/8082
PCB-1221	ND	3700	mg/kg	04/09/12		AW	3540C/8082
PCB-1232	ND	3700	mg/kg	04/09/12		AW	3540C/8082
PCB-1242	ND	3700	mg/kg	04/09/12		AW	3540C/8082
PCB-1248	*	3700	mg/kg	04/09/12		AW	3540C/8082
PCB-1254	ND	3700	mg/kg	04/09/12		AW	3540C/8082
PCB-1260	*	3700	mg/kg	04/09/12		AW	3540C/8082
PCB-1262	ND	3700	mg/kg	04/09/12		AW	3540C/8082
PCB-1268	ND	3700	mg/kg	04/09/12		AW	3540C/8082
Total PCBs	8700	3700	mg/kg	04/09/12		AW	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	Diluted Out		%	04/09/12		AW	30 - 150 %
% TCMX	Diluted Out		%	04/09/12		AW	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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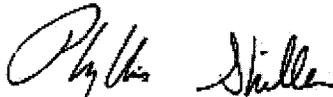
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1260.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date

04/02/12
 04/03/12

Time

0:00
 16:05

Laboratory Data

SDG ID: GBB61332

Phoenix ID: BB61335

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 CN-ECC-01C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	4200	mg/kg	04/08/12		AW	3540C/8082
PCB-1221	ND	4200	mg/kg	04/08/12		AW	3540C/8082
PCB-1232	ND	4200	mg/kg	04/08/12		AW	3540C/8082
PCB-1242	ND	4200	mg/kg	04/08/12		AW	3540C/8082
PCB-1248	*	4200	mg/kg	04/08/12		AW	3540C/8082
PCB-1254	*	4200	mg/kg	04/08/12		AW	3540C/8082
PCB-1260	ND	4200	mg/kg	04/08/12		AW	3540C/8082
PCB-1262	ND	4200	mg/kg	04/08/12		AW	3540C/8082
PCB-1268	ND	4200	mg/kg	04/08/12		AW	3540C/8082
Total PCBs	7600	4200	mg/kg	04/08/12		AW	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	Diluted Out		%	04/08/12		AW	30 - 150 %
% TCMX	Diluted Out		%	04/08/12		AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 CN-ECC-01C

Phoenix I.D.: BB61335

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date Time
 04/02/12 0:00
 04/03/12 16:05

Laboratory Data

SDG ID: GBB61332
 Phoenix ID: BB61336

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 EVC-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.84	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.84	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.84	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.84	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	*	0.84	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	*	0.84	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.84	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.84	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.84	mg/kg	04/05/12		MH	3540C/8082
Total PCBs	2.1	0.84	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	107		%	04/05/12		MH	30 - 150 %
% TCMX	85		%	04/05/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12
04/03/12

Time

0:00
16:05

Laboratory Data

SDG ID: GBB61332

Phoenix ID: BB61337

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 EVC-01B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	101		%	04/05/12		MH	30 - 150 %
% TCMX	78		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 EVC-01B

Phoenix I.D.: BB61337

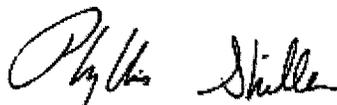
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12
04/03/12

Time

0:00
16:05

Laboratory Data

SDG ID: GBB61332
Phoenix ID: BB61338

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 EVC-01C

Parameter	Result	RL	Units	Date	Time	By	Reference
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Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	*	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	*	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
Total PCBs	0.96	0.79	mg/kg	04/05/12		MH	3540C/8082

QA/OC Surrogates

% DCBP	103		%	04/05/12		MH	30 - 150 %
% TCMX	96		%	04/05/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date

04/02/12
 04/03/12

Time

0:00
 16:05

Laboratory Data

SDG ID: GBB61332

Phoenix ID: BB61339

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 SD-EDC-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	*	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	*	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
Total PCBs	1.1	0.8	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	108		%	04/05/12		MH	30 - 150 %
% TCMX	69		%	04/05/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12
04/03/12

Time

0:00
16:05

Laboratory Data

SDG ID: GBB61332
Phoenix ID: BB61340

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SD-EDC-01B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.75	mg/kg	04/04/12		MH	3540C/8082
PCB-1221	ND	0.75	mg/kg	04/04/12		MH	3540C/8082
PCB-1232	ND	0.75	mg/kg	04/04/12		MH	3540C/8082
PCB-1242	ND	0.75	mg/kg	04/04/12		MH	3540C/8082
PCB-1248	ND	0.75	mg/kg	04/04/12		MH	3540C/8082
PCB-1254	ND	0.75	mg/kg	04/04/12		MH	3540C/8082
PCB-1260	ND	0.75	mg/kg	04/04/12		MH	3540C/8082
PCB-1262	ND	0.75	mg/kg	04/04/12		MH	3540C/8082
PCB-1268	ND	0.75	mg/kg	04/04/12		MH	3540C/8082
<u>QA/OC Surrogates</u>							
% DCBP	97		%	04/04/12		MH	30 - 150 %
% TCMX	96		%	04/04/12		MH	30 - 150 %

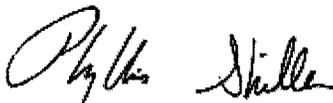
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date Time
 04/02/12 0:00
 04/03/12 16:05

Laboratory Data

SDG ID: GBB61332
 Phoenix ID: BB61341

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 SD-EDC-01C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.78	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.78	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.78	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.78	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	*	0.78	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	*	0.78	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.78	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.78	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.78	mg/kg	04/05/12		MH	3540C/8082
Total PCBs	2.8	0.78	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	109		%	04/05/12		MH	30 - 150 %
% TCMX	67		%	04/05/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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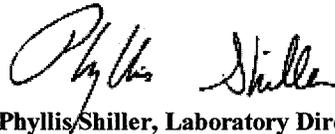
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date

04/02/12
 04/03/12

Time

0:00
 16:05

Laboratory Data

SDG ID: GBB61332

Phoenix ID: BB61342

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 SW-IWG-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.81	mg/kg	04/04/12		MH	3540C/8082
PCB-1221	ND	0.81	mg/kg	04/04/12		MH	3540C/8082
PCB-1232	ND	0.81	mg/kg	04/04/12		MH	3540C/8082
PCB-1242	ND	0.81	mg/kg	04/04/12		MH	3540C/8082
PCB-1248	ND	0.81	mg/kg	04/04/12		MH	3540C/8082
PCB-1254	ND	0.81	mg/kg	04/04/12		MH	3540C/8082
PCB-1260	ND	0.81	mg/kg	04/04/12		MH	3540C/8082
PCB-1262	ND	0.81	mg/kg	04/04/12		MH	3540C/8082
PCB-1268	ND	0.81	mg/kg	04/04/12		MH	3540C/8082
<u>QA/OC Surrogates</u>							
% DCBP	90		%	04/04/12		MH	30 - 150 %
% TCMX	90		%	04/04/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-IWG-01A

Phoenix I.D.: BB61342

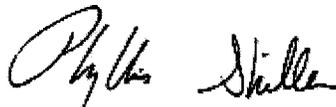
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Reference</u>
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Comments:

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Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date Time
 04/02/12 0:00
 04/03/12 16:05

Laboratory Data

SDG ID: GBB61332
 Phoenix ID: BB61343

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 SW-IWG-01B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1221	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1232	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1242	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1248	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1254	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1260	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1262	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1268	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	98		%	04/04/12		MH	30 - 150 %
% TCMX	100		%	04/04/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-IWG-01B

Phoenix I.D.: BB61343

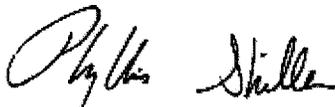
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date Time

04/02/12 0:00
 04/03/12 16:05

Laboratory Data

SDG ID: GBB61332
 Phoenix ID: BB61344

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 SW-IWG-01C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.77	mg/kg	04/04/12		MH	3540C/8082
PCB-1221	ND	0.77	mg/kg	04/04/12		MH	3540C/8082
PCB-1232	ND	0.77	mg/kg	04/04/12		MH	3540C/8082
PCB-1242	ND	0.77	mg/kg	04/04/12		MH	3540C/8082
PCB-1248	ND	0.77	mg/kg	04/04/12		MH	3540C/8082
PCB-1254	ND	0.77	mg/kg	04/04/12		MH	3540C/8082
PCB-1260	ND	0.77	mg/kg	04/04/12		MH	3540C/8082
PCB-1262	ND	0.77	mg/kg	04/04/12		MH	3540C/8082
PCB-1268	ND	0.77	mg/kg	04/04/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	101		%	04/04/12		MH	30 - 150 %
% TCMX	87		%	04/04/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-IWG-01C

Phoenix I.D.: BB61344

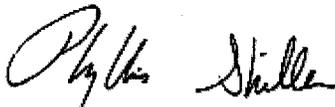
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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Phyllis Shiller, Laboratory Director

April 12, 2012

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Environmental Laboratories, Inc.
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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date Time
 04/02/12 0:00
 04/03/12 16:05

Laboratory Data

SDG ID: GBB61332
 Phoenix ID: BB61345

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 SW-IWC-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	4	mg/kg	04/08/12		AW	3540C/8082
PCB-1221	ND	4	mg/kg	04/08/12		AW	3540C/8082
PCB-1232	ND	4	mg/kg	04/08/12		AW	3540C/8082
PCB-1242	ND	4	mg/kg	04/08/12		AW	3540C/8082
PCB-1248	*	4	mg/kg	04/08/12		AW	3540C/8082
PCB-1254	*	4	mg/kg	04/08/12		AW	3540C/8082
PCB-1260	ND	4	mg/kg	04/08/12		AW	3540C/8082
PCB-1262	ND	4	mg/kg	04/08/12		AW	3540C/8082
PCB-1268	ND	4	mg/kg	04/08/12		AW	3540C/8082
Total PCBs	30	4	mg/kg	04/08/12		AW	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	Diluted Out		%	04/08/12		AW	30 - 150 %
% TCMX	Diluted Out		%	04/08/12		AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-IWC-01A

Phoenix I.D.: BB61345

Parameter	Result	RL	Units	Date	Time	By	Reference
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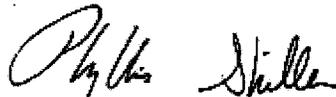
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

Time

04/02/12 0:00
04/03/12 16:05

Laboratory Data

SDG ID: GBB61332
Phoenix ID: BB61346

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-IWC-01B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	3.9	mg/kg	04/08/12		AW	3540C/8082
PCB-1221	ND	3.9	mg/kg	04/08/12		AW	3540C/8082
PCB-1232	ND	3.9	mg/kg	04/08/12		AW	3540C/8082
PCB-1242	ND	3.9	mg/kg	04/08/12		AW	3540C/8082
PCB-1248	*	3.9	mg/kg	04/08/12		AW	3540C/8082
PCB-1254	*	3.9	mg/kg	04/08/12		AW	3540C/8082
PCB-1260	ND	3.9	mg/kg	04/08/12		AW	3540C/8082
PCB-1262	ND	3.9	mg/kg	04/08/12		AW	3540C/8082
PCB-1268	ND	3.9	mg/kg	04/08/12		AW	3540C/8082
Total PCBs	24	3.9	mg/kg	04/08/12		AW	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	Diluted Out		%	04/08/12		AW	30 - 150 %
% TCMX	Diluted Out		%	04/08/12		AW	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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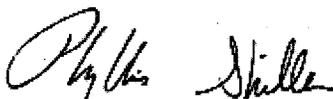
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

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Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date Time
 04/02/12 0:00
 04/03/12 16:05

Laboratory Data

SDG ID: GBB61332
 Phoenix ID: BB61347

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 SW-IWC-01C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1221	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1232	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1242	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1248	*	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1254	*	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1260	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1262	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1268	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
Total PCBs	17	4.1	mg/kg	04/08/12		AW	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	Diluted Out		%	04/08/12		AW	30 - 150 %
% TCMX	Diluted Out		%	04/08/12		AW	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

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Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date

04/02/12
 04/03/12

Time

0:00
 16:05

Laboratory Data

SDG ID: GBB61332

Phoenix ID: BB61348

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 SW-EWC-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1221	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1232	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1242	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1248	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1254	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1260	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1262	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
PCB-1268	ND	0.76	mg/kg	04/04/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	95		%	04/04/12		MH	30 - 150 %
% TCMX	99		%	04/04/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-EWC-01A

Phoenix I.D.: BB61348

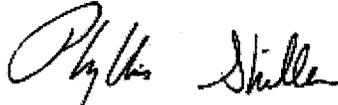
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date

04/02/12
 04/03/12

Time

0:00
 16:05

Laboratory Data

SDG ID: GBB61332

Phoenix ID: BB61349

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 SW-EWC-01B

Parameter	Result	RL	Units	Date	Time	By	Reference
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Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1221	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1232	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1242	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1248	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1254	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1260	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1262	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1268	ND	0.83	mg/kg	04/04/12		MH	3540C/8082

QA/QC Surrogates

% DCBP	96		%	04/04/12		MH	30 - 150 %
% TCMX	110		%	04/04/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-EWC-01B

Phoenix I.D.: BB61349

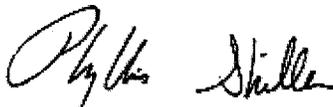
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Reference</u>
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 12, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date

04/02/12
 04/03/12

Time

0:00
 16:05

Laboratory Data

SDG ID: GBB61332

Phoenix ID: BB61350

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 SW-EWC-01C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1221	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1232	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1242	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1248	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1254	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1260	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1262	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
PCB-1268	ND	0.83	mg/kg	04/04/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	98		%	04/04/12		MH	30 - 150 %
% TCMX	95		%	04/04/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-EWC-01C

Phoenix I.D.: BB61350

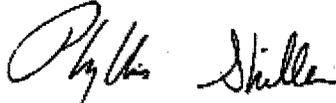
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

April 12, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
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 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report
 April 12, 2012

QA/QC Data

SDG I.D.: GBB61332

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 197498, QC Sample No: BB60784 (BB61332, BB61333, BB61334, BB61335, BB61336, BB61337, BB61338, BB61339, BB61340, BB61341, BB61342, BB61343, BB61344, BB61345)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	104	105	1.0	126	127	0.8	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	103	104	1.0	119	126	5.7	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	95	90	90	0.0	88	87	1.1	30 - 150	30
% TCMX (Surrogate Rec)	88	83	82	1.2	81	80	1.2	30 - 150	30
QA/QC Batch 197590, QC Sample No: BB61346 (BB61346, BB61347, BB61348, BB61349, BB61350)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	96	92	4.3				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	112	112	0.0				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	107	107	99	7.8				30 - 150	30
% TCMX (Surrogate Rec)	89	100	70	35.3				30 - 150	30

r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria

Phyllis Shiller
 Phyllis Shiller, Laboratory Director
 April 12, 2012

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BB61332, BB61333, BB61334, BB61335, BB61336, BB61337, BB61338,
BB61339, BB61340, BB61341, BB61342, BB61343, BB61344, BB61345,
BB61346, BB61347, BB61348, BB61349, BB61350

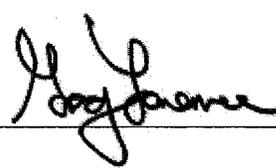
Sampling Date(s): 4/2/2012

RCP Methods Used:

1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? See Section: PCB Narration.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

<p>I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.</p>	
<p>Authorized Signature: _____</p> <p style="text-align: center;"></p>	<p>Date: Thursday, April 12, 2012</p> <p>Printed Name: Greg Lawrence</p> <p>Position: Assistant Lab Director</p>



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

April 12, 2012

SDG LD.: GBB61332

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

The LCS/LCSD RPD for the surrogate TCMX is above criteria. All of the Arochlor recoveries and RPD's are acceptable. Therefore no significant bias is suspected.

Instrument: Au-ecd5 04/05/12-1 (BB61336, BB61337, BB61338, BB61339, BB61341)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn
Position: Chemist
Date: 4/5/2012

Instrument: Au-ecd6 04/04/12-1 (BB61340, BB61342, BB61343, BB61344, BB61348, BB61349, BB61350)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn
Position: Chemist
Date: 4/4/2012

QC Comments: QC Batch 97590 04/03/12 (BB61346, BB61347, BB61348, BB61349, BB61350)

A LCS and LCSD Duplicate were performed instead of a matrix spike and matrix spike duplicate.



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Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

April 12, 2012

SDG LD.: GBB61332

QC (Site Specific)

———— Sample No: BB61346, QA/QC Batch: 197590 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: % TCMX (Surrogate Rec)(35.3%)

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

———— Sample No: BB60784, QA/QC Batch: 197498 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 19C with cooling initiated.
No bias in the sample results are suspected due to temperature.

Printed Name

Position: Chemist

Date: 4/12/2012 2:37:51 PM

114

19 wk



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- 78 Interstate Drive, West Springfield, MA 01089

- 50 Redfield Street, Suite 100, Boston, MA 02122
- 275 Promenade Street, Suite 350, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 23992

PROJECT NAME: CENTRAL HIGH SCHOOL

PROJECT LOCATION: BRIDGEPORT, CT

PROJECT NUMBER: 20110793.AZE

LABORATORY: PRADIX

REPORT TO: KENNO MCCREATHY

INVOICE TO:

P.O. NO.: 20110793.AZE

Sampler's Signature: *[Signature]* Date: 4/12/12

Source Codes: MW=Monitoring Well S=Soil W=Waste
 SW=Surface Water T=Treatment Facility B=Sediment A=Air

X=Other **CAULKING / GLAZING COMPOUND**

Analysis Request

RES EXHIBIT 082/0500C

Item No.	Transfer Check	Sample Number	Source Code	Date Sampled	Time Sampled	Soil VOA Val. []	Soil VOA Val. []	Soil VOA Val. []	Other	Water VOA Val. []	Class Amber []	Plastic - As Is []	Plastic - H ₂ SO ₄ []	Plastic - HNO ₃ []	Plastic - NaOH 250 ml []	Comments
1		2012-0423-0024	X	4-2-12	PM	X										61332
2		EW-ECC-D1A	X			X										61333
3		EW-ECC-D1B	X			X										61334
4		EW-ECC-D1C	X			X										61335
5		EW-ECC-D1A	X			X										61336
6		EW-ECC-D1B	X			X										61337
7		EW-ECC-D1C	X			X										61338
8		SD-ECC-D1A	X			X										61339
9		SD-ECC-D1B	X			X										61340
10		SD-ECC-D1C	X			X										61341

Reporting and Detection Limit Requirements: < 1 PPM

Additional Comments: FAX RESULTS TO 860-812-2228

Transfer Number	Relinquished By	Accepted By	Date	Time
1	<i>[Signature]</i>	<i>[Signature]</i>	4/12/12	10:05
2				
3				
4				

244

194/c



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- 50 Redfield Street, Suite 100, Boston, MA 02122
- 275 Promenade Street, Suite 350, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 23997

PROJECT NAME: **CENTRAL HIGH SCHOOL** PROJECT LOCATION: **BRIDGEPORT, CT** PROJECT NUMBER: **20107A3-AZE** LABORATORY: **PEREUX**

REPORT TO: **KEVINO MCCARTHY** ANALYSIS REQUEST: **PEREUX/5082/55402**

INVOICE TO: _____ DATE: **4/13/12**

P.O. NO.: **20107A3-AZE** DATE: **4/13/12**

SAMPLER'S SIGNATURE: *[Signature]*

SOURCE CODES: MW=Monitoring Well PW=Potable Water S=Soil W=Waste
 SW=Surface Water T=Treatment Facility B=Sediment A=Air

X=Other **CAULKING/GLAZING COMPOUND**

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request	Comments
	1	2	3	4						
11					2012-0409-0924	X	4-2-12	PM	X	61342
12					SW-1W6-D1A	X			X	61343
13					SW-1W6-D1B	X			X	61344
14					SW-1W6-D1C	X			X	61345
15					SW-1W6-D1A	X			X	61346
16					SW-1W6-D1B	X			X	61347
17					SW-1W6-D1C	X			X	61348
18					SW-EWC-D1A	X			X	61349
19					SW-EWC-D1B	X			X	61350

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements
1	<i>[Signature]</i>	<i>[Signature]</i>	4/12/12	10:07	41 ppm
2					Additional Comments:
3					
4					FAX RESULTS TO 860-812-2228



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date Time
 04/02/12 0:00
 04/03/12 16:05

Laboratory Data

SDG ID: GBB61351
 Phoenix ID: BB61351

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 SW-EWG-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	102		%	04/05/12		MH	30 - 150 %
% TCMX	79		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-EWG-01A

Phoenix I.D.: BB61351

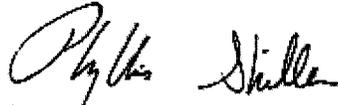
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date Time
 04/02/12 0:00
 04/03/12 16:05

Laboratory Data

SDG ID: GBB61351
 Phoenix ID: BB61352

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 SW-EWG-01B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1221	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1232	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1242	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1248	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1254	24	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1260	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1262	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
PCB-1268	ND	4.1	mg/kg	04/08/12		AW	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	Diluted Out		%	04/08/12		AW	30 - 150 %
% TCMX	Diluted Out		%	04/08/12		AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-EWG-01B

Phoenix I.D.: BB61352

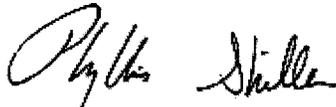
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date

04/02/12
 04/03/12

Time

0:00
 16:05

Laboratory Data

SDG ID: GBB61351
 Phoenix ID: BB61353

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 SW-EWG-01C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.79	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	109		%	04/05/12		MH	30 - 150 %
% TCMX	73		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 SW-EWG-01C

Phoenix I.D.: BB61353

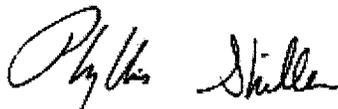
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Reference</u>
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date Time
 04/02/12 0:00
 04/03/12 16:05

Laboratory Data

SDG ID: GBB61351
 Phoenix ID: BB61354

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 ST-EWG-01A-R

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.41	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.41	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.41	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.41	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	ND	0.41	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	ND	0.41	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.41	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.41	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.41	mg/kg	04/05/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	94		%	04/05/12		MH	30 - 150 %
% TCMX	60		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-EWG-01A-R

Phoenix I.D.: BB61354

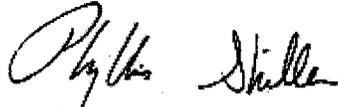
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date

Time

04/02/12 0:00
 04/03/12 16:05

Laboratory Data

SDG ID: GBB61351
 Phoenix ID: BB61355

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 ST-EWG-01B-R

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.43	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.43	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.43	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.43	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	ND	0.43	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	ND	0.43	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.43	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.43	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.43	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	91		%	04/05/12		MH	30 - 150 %
% TCMX	86		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-EWG-01B-R

Phoenix I.D.: BB61355

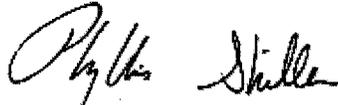
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date Time
 04/02/12 0:00
 04/03/12 16:05

Laboratory Data

SDG ID: GBB61351
 Phoenix ID: BB61356

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 ST-EWG-01C-R

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	108		%	04/05/12		MH	30 - 150 %
% TCMX	64		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-EWG-01C-R

Phoenix I.D.: BB61356

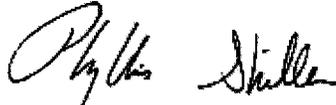
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date

04/02/12
 04/03/12

Time

0:00
 16:05

Laboratory Data

SDG ID: GBB61351
 Phoenix ID: BB61357

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 ST-EWG-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	1.2	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	93		%	04/05/12		MH	30 - 150 %
% TCMX	60		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-EWG-01A

Phoenix I.D.: BB61357

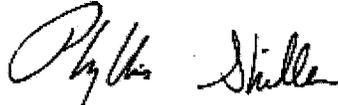
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Reference</u>
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date

04/02/12
 04/03/12

Time

0:00
 16:05

Laboratory Data

SDG ID: GBB61351

Phoenix ID: BB61358

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 ST-EWG-01B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	111		%	04/05/12		MH	30 - 150 %
% TCMX	75		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-EWG-01B

Phoenix I.D.: BB61358

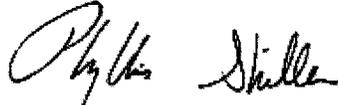
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12
04/03/12

Time

0:00
16:05

Laboratory Data

SDG ID: GBB61351
Phoenix ID: BB61359

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-EWG-01C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	105		%	04/05/12		MH	30 - 150 %
% TCMX	102		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-EWG-01C

Phoenix I.D.: BB61359

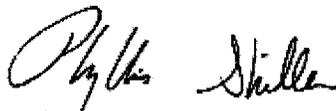
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Reference</u>
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Comments:

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Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date

04/02/12
 04/03/12

Time

0:00
 16:05

Laboratory Data

SDG ID: GBB61351

Phoenix ID: BB61360

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 ST-ED/WC-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
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Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	*	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	*	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
Total PCBs	7.3	0.8	mg/kg	04/05/12		MH	3540C/8082

QA/QC Surrogates

% DCBP	109		%	04/05/12		MH	30 - 150 %
% TCMX	91		%	04/05/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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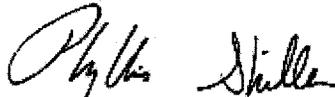
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date Time
 04/02/12 0:00
 04/03/12 16:05

Laboratory Data

SDG ID: GBB61351
 Phoenix ID: BB61361

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 ST-ED/WC-01B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	*	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
Total PCBs	7	0.81	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	106		%	04/05/12		MH	30 - 150 %
% TCMX	97		%	04/05/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1248.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date

04/02/12
 04/03/12

Time

0:00
 16:05

Laboratory Data

SDG ID: GBB61351

Phoenix ID: BB61362

Project ID: CENTRAL HIGH SCHOOL

Client ID: 2012-0403-0926 ST-ED/WC-01C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.75	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.75	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.75	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.75	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	*	0.75	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	ND	0.75	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.75	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.75	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.75	mg/kg	04/05/12		MH	3540C/8082
Total PCBs	1.3	0.75	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	105		%	04/05/12		MH	30 - 150 %
% TCMX	98		%	04/05/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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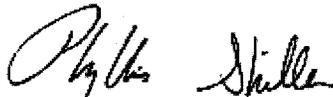
Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1248.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date

04/02/12
 04/03/12

Time

0:00
 16:05

Laboratory Data

SDG ID: GBB61351
 Phoenix ID: BB61363

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 ST-ED/WC-01DR

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	105		%	04/05/12		MH	30 - 150 %
% TCMX	62		%	04/05/12		MH	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-ED/WC-01DR

Phoenix I.D.: BB61363

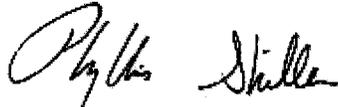
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date Time
 04/02/12 0:00
 04/03/12 16:05

Laboratory Data

SDG ID: GBB61351
 Phoenix ID: BB61364

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 ST-ID/WC-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	*	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	*	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
Total PCBs	7	0.81	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	118		%	04/05/12		MH	30 - 150 %
% TCMX	75		%	04/05/12		MH	30 - 150 %

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Reference</u>
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Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date

04/02/12
 04/03/12

Time

0:00
 16:05

Laboratory Data

SDG ID: GBB61351
 Phoenix ID: BB61365

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 ST-ID/WC-01B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BC/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	*	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	*	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.8	mg/kg	04/05/12		MH	3540C/8082
Total PCBs	4.2	0.8	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	114		%	04/05/12		MH	30 - 150 %
% TCMX	80		%	04/05/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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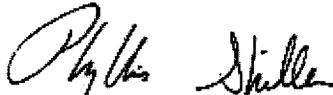
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: KM
Received by: LB
Analyzed by: see "By" below

Date

04/02/12
04/03/12

Time

0:00
16:05

Laboratory Data

SDG ID: GBB61351

Phoenix ID: BB61366

Project ID: CENTRAL HIGH SCHOOL
Client ID: 2012-0403-0926 ST-ID/WC-01C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BB/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	*	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	*	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.82	mg/kg	04/05/12		MH	3540C/8082
Total PCBs	9.8	0.82	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	108		%	04/05/12		MH	30 - 150 %
% TCMX	71		%	04/05/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 11, 2012

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: KM
 Received by: LB
 Analyzed by: see "By" below

Date

04/02/12
 04/03/12

Time

0:00
 16:05

Laboratory Data

SDG ID: GBB61351
 Phoenix ID: BB61367

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 2012-0403-0926 ST-IWG-01A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/03/12			E160.3
Caulk Extraction for PCB	Completed			04/03/12		BB/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1221	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1232	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1242	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1248	*	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1254	*	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1260	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1262	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
PCB-1268	ND	0.81	mg/kg	04/05/12		MH	3540C/8082
Total PCBs	5.8	0.81	mg/kg	04/05/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	113		%	04/05/12		MH	30 - 150 %
% TCMX	74		%	04/05/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

April 11, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Directo



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report
 April 11, 2012

QA/QC Data

SDG I.D.: GBB61351

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 197590, QC Sample No: BB61346 (BB61351, BB61352, BB61353, BB61354, BB61355, BB61356, BB61357, BB61358, BB61359, BB61360, BB61361, BB61362, BB61363, BB61364, BB61365)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	96	92	4.3				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	112	112	0.0				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	107	107	99	7.8				30 - 150	30
% TCMX (Surrogate Rec)	89	100	70	35.3				30 - 150	30
QA/QC Batch 197591, QC Sample No: BB61366 (BB61366, BB61367)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	103	104	1.0				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	119	113	5.2				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	112	102	102	0.0				30 - 150	30
% TCMX (Surrogate Rec)	103	82	85	3.6				30 - 150	30

r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria

Phyllis Shiller
 Phyllis Shiller, Laboratory Director
 April 11, 2012

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BB61351, BB61352, BB61353, BB61354, BB61355, BB61356, BB61357, BB61358, BB61359, BB61360, BB61361, BB61362, BB61363, BB61364, BB61365, BB61366, BB61367

Sampling Date(s): 4/2/2012

RCP Methods Used:

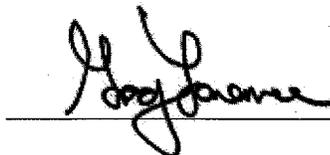
1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:



Date: Wednesday, April 11, 2012

Printed Name: Greg Lawrence

Position: Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

April 11, 2012

SDG LD.: GBB61351

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd5 04/05/12-1 (BB61351, BB61353, BB61354, BB61355, BB61356, BB61357, BB61358, BB61359, BB61360, BB61361, BB61362, BB61363, BB61364, BB61365, BB61366, BB61367)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn

Position: Chemist

Date: 4/5/2012

QC Comments: QC Batch 97590 04/03/12 (BB61351, BB61352, BB61353, BB61354, BB61355, BB61356, BB61357, BB61358, BB61359, BB61360, BB61361, BB61362, BB61363, BB61364, BB61365)

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QC Comments: QC Batch 97591 04/03/12 (BB61366, BB61367)

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QC (Site Specific)

———— Sample No: BB61366, QA/QC Batch: 197591 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

———— Sample No: BB61346, QA/QC Batch: 197590 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: % TCMX (Surrogate Rec)(35.3%)



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

April 11, 2012

SDG I.D.: GBB61351

Temperature Narration

The samples were received at 19C with cooling initiated.
No bias in the sample results are suspected due to temperature.

Printed Name

Position: Chemist

Date: 4/11/2012 8:53:59 AM

3/14

19 w/c



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 78 Interstate Drive, West Springfield, MA 01089

50 Redfield Street, Suite 100, Boston, MA 02122
 275 Promenade Street, Suite 350, Providence, RI 02908
 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

Turnaround

CHAIN-OF-CUSTODY RECORD 23994

PROJECT NAME
CENTRAL HIGH SCHOOL

PROJECT LOCATION
BLOOMFIELD, CT

PROJECT NUMBER
20110793.AZE

LABORATORY
PAEUX

REPORT TO: **KEVIN MCCARTHY**

INVOICE TO:

P.O. No.: **20110793.AZE**

Sampler's Signature: *[Signature]*

Date: **4/12/12**

Source Codes: MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air

X=Other **GLAZING COMPOUND**

Analysis Request
PB53KHLT 882/3540C

Containers	Soil VOA Vial [methanol]	Soil VOA Vial [water]	Glass Soil Container (4) oz	Glass Soil Container (1) Na(OH)	Other	Water VOA Vial [As is]	Glass Amber () ml [As is]	Plastic - As is [] 250 ml [] 500 [] 1000 ml	Plastic - HNO ₃ [] 250 ml [] 500 ml [] Undiluted	Plastic - NaOH, 250 ml	Comments
	X	X	X	X		X	X	X	X	X	61351
	X	X	X	X		X	X	X	X	X	61352
	X	X	X	X		X	X	X	X	X	61353
	X	X	X	X		X	X	X	X	X	61354 CLEAR SILICONE
	X	X	X	X		X	X	X	X	X	61355 WHITE SILICONE
	X	X	X	X		X	X	X	X	X	61356 THICK WHITE SILICONE
	X	X	X	X		X	X	X	X	X	61357
	X	X	X	X		X	X	X	X	X	61358
	X	X	X	X		X	X	X	X	X	61359

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	<i>[Signature]</i>	<i>[Signature]</i>	4/12/12	10:09	2 L PPM
2					
3					
4					

Additional Comments:
FAX RESULTS TO 860-812-2228

4/4

19 w/c



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- 50 Redfield Street, Suite 100, Boston, MA 02122
- 275 Promenade Street, Suite 350, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 23995

PROJECT NAME: CENTRAL HIGH SCHOOL PROJECT LOCATION: BRIDGEPORT, CT PROJECT NUMBER: 20110793.AZE LABORATORY: PATERVIX

REPORT TO: KEVIN MCCARTHY INVOICE TO: P.O. No.: 20110793.AZE

Sampler's Signature: *[Signature]* Date: 4/12/11
 Source Codes: MW=Monitoring Well SW=Surface Water X=Other PW=Potable Water T=Treatment Facility S=Soil B=Sediment W=Waste A=Air
 CAULKING/GLAZING COMPOUND

Analysis Request	Soil VOA Val. [] methanol	Glass Soil Container () water	Glass Soil Container () or () Na(OH)	Water VOA Val. [] As is [] HG	Glass Amber () ml [] As is [] HG	Plastic - As is [] 250 ml [] 500 [] 1000 ml	Plastic - HNO ₃ [] 250 ml [] 500 ml [] 1000 ml	Plastic - NaOH, 250 ml [] Unfiltered [] Unfiltered	Comments
PB EXHLET 802/3540	X	X	X	X	X	X	X	X	61360
	X	X	X	X	X	X	X	X	61361
	X	X	X	X	X	X	X	X	61362
	X	X	X	X	X	X	X	X	61363 CLEAR SILICATE
	X	X	X	X	X	X	X	X	61364
	X	X	X	X	X	X	X	X	61365
	X	X	X	X	X	X	X	X	61366
	X	X	X	X	X	X	X	X	61367 CLEAR SILICATE

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements
1	<i>[Signature]</i>	<i>[Signature]</i>	4/12/11	10:11	< 1PPM
2					
3					
4					

FAX RESULTS TO 860-812-2228



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

03/28/13
 03/29/13

Time

14:45
 16:30

Laboratory Data

SDG ID: GBD52991
 Phoenix ID: BD52991

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203-CT-01A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.67	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.67	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.67	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.67	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.67	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.67	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.67	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.67	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.67	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	68		%	04/01/13	AW	30 - 150 %
% TCMX	63		%	04/01/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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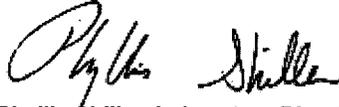
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

03/28/13
 03/29/13

Time

14:47
 16:30

Laboratory Data

SDG ID: GBD52991
 Phoenix ID: BD52992

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203-CT-01B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.74	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.74	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.74	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.74	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.74	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.74	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.74	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.74	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.74	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	68		%	04/01/13	AW	30 - 150 %
% TCMX	71		%	04/01/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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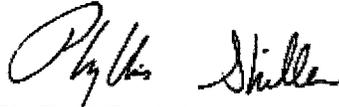
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

14:49
16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD52993

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-01C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	72		%	04/01/13	AW	30 - 150 %
% TCMX	56		%	04/01/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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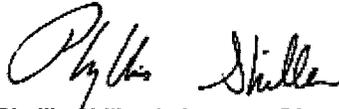
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

03/28/13
 03/29/13

Time

14:51
 16:30

Laboratory Data

SDG ID: GBD52991
 Phoenix ID: BD52994

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203-CT-02A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.99	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.99	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.99	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.99	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.99	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.99	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.99	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.99	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.99	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	73		%	04/01/13	AW	30 - 150 %
% TCMX	56		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-02A

Phoenix I.D.: BD52994

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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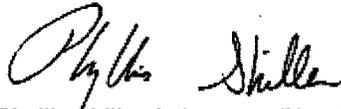
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

Time

03/28/13 14:53
 03/29/13 16:30

Laboratory Data

SDG ID: GBD52991
 Phoenix ID: BD52995

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203-CT-02B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.43	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.43	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.43	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.43	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.43	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.43	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.43	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.43	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.43	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	67		%	04/01/13	AW	30 - 150 %
% TCMX	64		%	04/01/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

03/28/13
 03/29/13

Time

14:55
 16:30

Laboratory Data

SDG ID: GBD52991
 Phoenix ID: BD52996

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203-CT-02C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.47	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.47	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.47	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.47	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.47	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.47	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.47	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.47	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.47	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	71		%	04/01/13	AW	30 - 150 %
% TCMX	70		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-02C

Phoenix I.D.: BD52996

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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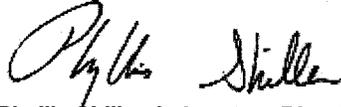
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

03/28/13
 03/29/13

Time

14:57
 16:30

Laboratory Data

SDG ID: GBD52991
 Phoenix ID: BD52997

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203-CT-03A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	70		%	04/01/13	AW	30 - 150 %
% TCMX	68		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-03A

Phoenix I.D.: BD52997

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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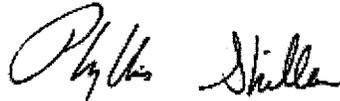
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

03/28/13
 03/29/13

Time

14:59
 16:30

Laboratory Data

SDG ID: GBD52991
 Phoenix ID: BD52998

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203-CT-03B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.69	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.69	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.69	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.69	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.69	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.69	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.69	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.69	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.69	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	66		%	04/01/13	AW	30 - 150 %
% TCMX	53		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-03B

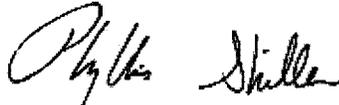
Phoenix I.D.: BD52998

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

03/28/13
 03/29/13

Time

15:01
 16:30

Laboratory Data

SDG ID: GBD52991
 Phoenix ID: BD52999

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203-CT-03C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.73	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	66		%	04/01/13	AW	30 - 150 %
% TCMX	68		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-03C

Phoenix I.D.: BD52999

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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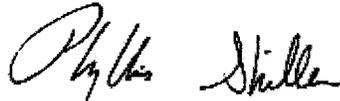
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

15:05
16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD53000

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-04A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.87	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	67		%	04/01/13	AW	30 - 150 %
% TCMX	71		%	04/01/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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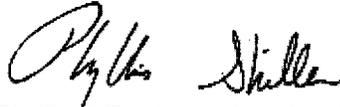
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

03/28/13
 03/29/13

Time

15:10
 16:30

Laboratory Data

SDG ID: GBD52991
 Phoenix ID: BD53001

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203-CT-04B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.96	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.96	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.96	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.96	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.96	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.96	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.96	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.96	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.96	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	61		%	04/01/13	AW	30 - 150 %
% TCMX	67		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-04B

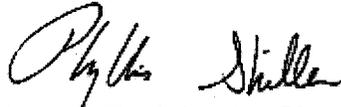
Phoenix I.D.: BD53001

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

15:15
16:30

Laboratory Data

SDG ID: GBD52991
Phoenix ID: BD53002

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-04C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.87	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	62		%	04/01/13	AW	30 - 150 %
% TCMX	68		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-04C

Phoenix I.D.: BD53002

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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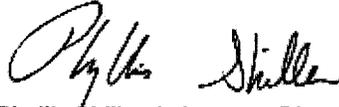
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

03/28/13
 03/29/13

Time

15:20
 16:30

Laboratory Data

SDG ID: GBD52991
 Phoenix ID: BD53003

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203-CT-05A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.5	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.5	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.5	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.5	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.5	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.5	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.5	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.5	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.5	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	64		%	04/01/13	AW	30 - 150 %
% TCMX	69		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-05A

Phoenix I.D.: BD53003

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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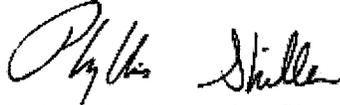
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

03/28/13
 03/29/13

Time

15:25
 16:30

Laboratory Data

SDG ID: GBD52991
 Phoenix ID: BD53004

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203-CT-05B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	72		%	04/01/13	AW	30 - 150 %
% TCMX	69		%	04/01/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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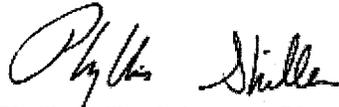
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time

03/28/13 15:30
 03/29/13 16:30

Laboratory Data

SDG ID: GBD52991
 Phoenix ID: BD53005

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203-CT-05C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.57	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.57	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.57	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.57	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.57	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.57	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.57	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.57	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.57	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	69		%	04/01/13	AW	30 - 150 %
% TCMX	67		%	04/01/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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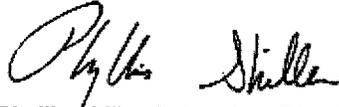
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

03/28/13
 03/29/13

Time

15:35
 16:30

Laboratory Data

SDG ID: GBD52991
 Phoenix ID: BD53006

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203-CT-06A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	*	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
Total PCBs	2.5	0.78	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	83		%	04/01/13	AW	30 - 150 %
% TCMX	76		%	04/01/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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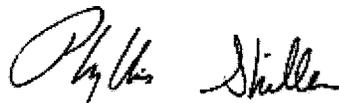
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

03/28/13
 03/29/13

Time

15:40
 16:30

Laboratory Data

SDG ID: GBD52991
 Phoenix ID: BD53007

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203-CT-06B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	*	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
Total PCBs	4	0.82	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	90		%	04/01/13	AW	30 - 150 %
% TCMX	82		%	04/01/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

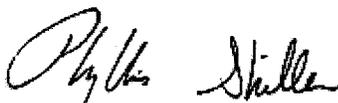
Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

Time

03/28/13 15:45
 03/29/13 16:30

Laboratory Data

SDG ID: GBD52991
 Phoenix ID: BD53008

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203-CT-06C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	*	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.61	mg/kg	04/01/13	AW	3540C/8082
Total PCBs	2.7	0.61	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	81		%	04/01/13	AW	30 - 150 %
% TCMX	77		%	04/01/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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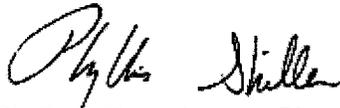
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1254.

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 03/28/13 15:50
 03/29/13 16:30

Laboratory Data

SDG ID: GBD52991
 Phoenix ID: BD53009

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203-CT-07A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.58	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.58	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.58	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.58	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.58	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.58	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.58	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.58	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.58	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	60		%	04/01/13	AW	30 - 150 %
% TCMX	50		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-07A

Phoenix I.D.: BD53009

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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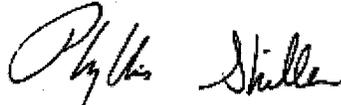
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr Kevin McCarthy;
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 03/28/13 15:55
 03/29/13 16:30

Laboratory Data

SDG ID: GBD52991
 Phoenix ID: BD53010

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203-CT-07B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.62	mg/kg	04/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	90		%	04/01/13	AW	30 - 150 %
% TCMX	77		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203-CT-07B

Phoenix I.D.: BD53010

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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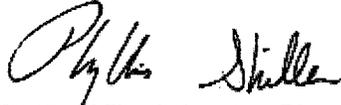
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



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QA/QC Report

April 03, 2013

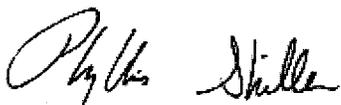
QA/QC Data

SDG I.D.: GBD52991

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 224780, QC Sample No: BD52667 (BD52991, BD52992, BD52993, BD52994, BD52995, BD52996, BD52997, BD52998, BD52999, BD53000, BD53001, BD53002, BD53003, BD53004, BD53005, BD53006, BD53007)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	69	68	1.5	70	68	2.9	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	77	82	6.3	85	85	0.0	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	76	70	69	1.4	71	70	1.4	30 - 150	30
% TCMX (Surrogate Rec)	75	70	70	0.0	72	70	2.8	30 - 150	30
QA/QC Batch 224802, QC Sample No: BD52990 (BD53008, BD53009, BD53010)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	67	79	16.4	66	67	1.5	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	71	78	9.4	84	83	1.2	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	73	72	78	8.0	73	73	0.0	30 - 150	30
% TCMX (Surrogate Rec)	65	64	75	15.8	73	78	6.6	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


 Phyllis Shiller, Laboratory Director
 April 03, 2013

Sample Criteria Exceedences Report

GBD52991 - FOPCBTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

April 03, 2013

SDG LD.: GBD52991

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 04/01/13-1 (BD53000, BD53001, BD53002, BD53003, BD53008)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

Instrument: Au-ecd24 04/01/13-1 (BD53010)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

Instrument: Au-ecd5 04/01/13-1 (BD52991, BD52992, BD52995, BD52996, BD53009)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

Instrument: Au-ecd6 04/01/13-1 (BD53004, BD53005, BD53006, BD53007)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

April 03, 2013

SDG I.D.: GBD52991

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

Instrument: Au-ecd7 04/01/13-1 (BD52998, BD52999)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

Instrument: Au-ecd8 04/01/13-1 (BD52993, BD52994, BD52997)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

QC (Batch Specific)

----- Sample No: BD52667, QA/QC Batch: 224780 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

----- Sample No: BD52990, QA/QC Batch: 224802 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

April 03, 2013

SDG I.D.: GBD52991

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



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Disciplines to Deliver
(860) 646-2469 • www.FandO.com

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- 56 Quarry Road, Trumbull, CT 06611
- 1419 Richland Street, Columbia, SC 29201
- 78 Interstate Drive, West Springfield, MA 01089

- 50 Redfield Street, Suite 100, Boston, MA 02122
- 275 Promenade Street, Suite 350, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

WATER

CHAIN-OF-CUSTODY RECORD 26088

PROJECT NAME

Central High School

PROJECT LOCATION

Bridgeport CT

PROJECT NUMBER

20110793.A21E

LABORATORY

Phoenix

REPORT TO: Kevin McCarthy / Karen Red Field

INVOICE TO:

P.O. NO.: 20110793.A21E

Sampler's Signature: *[Signature]* Date: 3/29/13

Source Codes:

MW=Monitoring Well PW=Potable Water S=Soil W=Waste

SW=Surface Water T=Treatment Facility B=Sediment A=Air

X=Other Ceiling tile

Analysis Request

Soil VOA Vial [] methanol	Water [] water [] Na2SO4	Other	Water VOA Vial [] As [] HG	Glass Amber () oz	Plastic - As [] 250 ml [] 500 ml [] 1000 ml	Plastic - H2SO4 [] 250 ml [] 500 ml	Plastic - HNO3 [] 250 ml [] 500 ml	Plastic - NaOH [] 250 ml	Unlabeled [] Unlabeled
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Item No.	Transfer Check	Sample Number	Source Code	Date Sampled	Time Sampled	Comments
1	✓	20130328 1203	X	3/28/13	1445	52991
2	✓	-CT-01A	X	3/28/13	1447	52992
3	✓	-CT-01C	X	3/28/13	1449	52993
4	✓	-CT-02A	X	3/28/13	1451	52994
5	✓	-CT-02B	X	3/28/13	1453	52995
6	✓	-CT-02C	X	3/28/13	1455	52996
7	✓	-CT-03A	X	3/28/13	1457	52997
8	✓	-CT-03B	X	3/28/13	1459	52998
9	✓	-CT-03C	X	3/28/13	1501	52999
10	✓	-CT-04A	X	3/28/13	1505	53000

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	J. Blum	F to Fridge	3/29/13	905	CLPPM
2	F to Fridge	Stephen Justice	3/29/13	1130	
3	Stephen Justice	<i>[Signature]</i>	3/29/13	11:32	
4	<i>[Signature]</i>	<i>[Signature]</i>	3/29/13	1630	

Additional Comments:



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793.A2E

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

03/28/13
 03/29/13

Time

16:00
 16:30

Laboratory Data

SDG ID: GBD53011
 Phoenix ID: BD53011

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203 - CT07C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.6	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.6	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.6	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.6	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.6	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	*	0.6	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.6	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.6	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.6	mg/kg	04/01/13	AW	3540C/8082
Total PCBs	0.67	0.6	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	85		%	04/01/13	AW	30 - 150 %
% TCMX	76		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT07C

Phoenix I.D.: BD53011

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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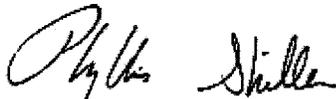
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: 24 Hour
P.O.#: 20110793.A2E

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

03/28/13
03/29/13

Time

16:05
16:30

Laboratory Data

SDG ID: GBD53011
Phoenix ID: BD53012

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT08A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.76	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.76	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.76	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.76	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.76	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.76	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.76	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.76	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.76	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	71		%	04/01/13	AW	30 - 150 %
% TCMX	64		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT08A

Phoenix I.D.: BD53012

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

April 03, 2013

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Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793.A2E

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

03/28/13
 03/29/13

Time

16:10
 16:30

Laboratory Data

SDG ID: GBD53011
 Phoenix ID: BD53013

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203 - CT08B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	*	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
Total PCBs	0.67	0.62	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	80		%	04/01/13	AW	30 - 150 %
% TCMX	69		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT08B

Phoenix I.D.: BD53013

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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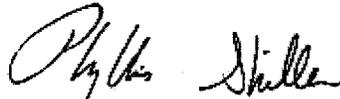
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1254.

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793.A2E

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

03/28/13
 03/29/13

Time

16:15
 16:30

Laboratory Data

SDG ID: GBD53011
 Phoenix ID: BD53014

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203 - CT08C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.63	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.63	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.63	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.63	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.63	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.63	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.63	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.63	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.63	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	62		%	04/01/13	AW	30 - 150 %
% TCMX	64		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT08C

Phoenix I.D.: BD53014

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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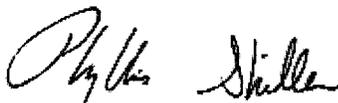
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793.A2E

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 03/28/13 16:20
 03/29/13 16:30

Laboratory Data

SDG ID: GBD53011
 Phoenix ID: BD53015

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203 - CT09A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.82	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	72		%	04/01/13	AW	30 - 150 %
% TCMX	72		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT09A

Phoenix I.D.: BD53015

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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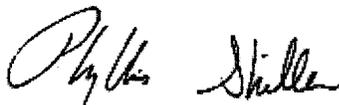
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793.A2E

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

Time

03/28/13 16:22
 03/29/13 16:30

Laboratory Data

SDG ID: GBD53011
 Phoenix ID: BD53016

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203 - CT09B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.84	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.84	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.84	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.84	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.84	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.84	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.84	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.84	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.84	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	79		%	04/01/13	AW	30 - 150 %
% TCMX	71		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT09B

Phoenix I.D.: BD53016

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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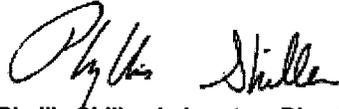
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793.A2E

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

03/28/13
 03/29/13

Time

16:24
 16:30

Laboratory Data

SDG ID: GBD53011
 Phoenix ID: BD53017

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203 - CT09C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.78	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	71		%	04/01/13	AW	30 - 150 %
% TCMX	64		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT09C

Phoenix I.D.: BD53017

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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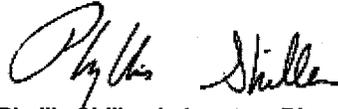
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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April 03, 2013

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Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793.A2E

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

03/28/13
 03/29/13

Time

16:26
 16:30

Laboratory Data

SDG ID: GBD53011
 Phoenix ID: BD53018

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203 - CT10A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.7	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	72		%	04/01/13	AW	30 - 150 %
% TCMX	64		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT10A

Phoenix I.D.: BD53018

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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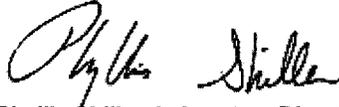
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793.A2E

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

03/28/13 16:25
 03/29/13 16:30

Time

Laboratory Data

SDG ID: GBD53011
 Phoenix ID: BD53019

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203 - CT10B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.94	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.94	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.94	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.94	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.94	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.94	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.94	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.94	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.94	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	77		%	04/01/13	AW	30 - 150 %
% TCMX	59		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT10B

Phoenix I.D.: BD53019

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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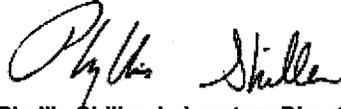
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793.A2E

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 03/28/13 16:30
 03/29/13 16:30

Laboratory Data

SDG ID: GBD53011
 Phoenix ID: BD53020

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203 - CT10C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.75	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.75	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.75	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.75	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.75	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.75	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.75	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.75	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.75	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	81		%	04/01/13	AW	30 - 150 %
% TCMX	68		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT10C

Phoenix I.D.: BD53020

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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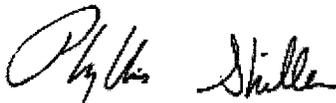
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793.A2E

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time

03/28/13 16:32
 03/29/13 16:30

Laboratory Data

SDG ID: GBD53011
 Phoenix ID: BD53021

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203 - CT11A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	0.9	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	67		%	04/01/13	AW	30 - 150 %
% TCMX	52		%	04/01/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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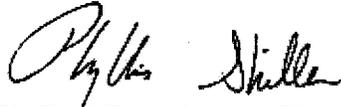
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793.A2E

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

03/28/13
 03/29/13

Time

16:34
 16:30

Laboratory Data

SDG ID: GBD53011
 Phoenix ID: BD53022

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203 - CT11B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	1.2	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.68	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	70		%	04/01/13	AW	30 - 150 %
% TCMX	58		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT11B

Phoenix I.D.: BD53022

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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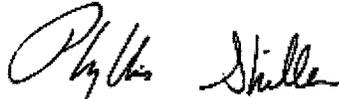
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793.A2E

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

03/28/13 16:36
 03/29/13 16:30

Time

Laboratory Data

SDG ID: GBD53011
 Phoenix ID: BD53023

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203 - CT11C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.51	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.51	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.51	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.51	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	0.67	0.51	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	ND	0.51	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.51	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.51	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.51	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	72		%	04/01/13	AW	30 - 150 %
% TCMX	62		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT11C

Phoenix I.D.: BD53023

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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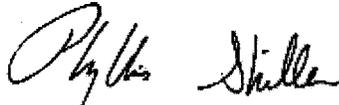
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793.A2E

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

Time

03/28/13 16:38
 03/29/13 16:30

Laboratory Data

SDG ID: GBD53011
 Phoenix ID: BD53024

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203 - CT12A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	*	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.62	mg/kg	04/01/13	AW	3540C/8082
Total PCBs	0.63	0.62	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	80		%	04/01/13	AW	30 - 150 %
% TCMX	69		%	04/01/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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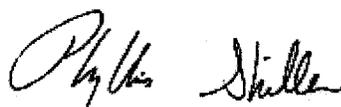
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1254.

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793.A2E

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

03/28/13
 03/29/13

Time

16:40
 16:30

Laboratory Data

SDG ID: GBD53011
 Phoenix ID: BD53025

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203 - CT12B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.65	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.65	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.65	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.65	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.65	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	*	0.65	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.65	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.65	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.65	mg/kg	04/01/13	AW	3540C/8082
Total PCBs	0.82	0.65	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	77		%	04/01/13	AW	30 - 150 %
% TCMX	74		%	04/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201303281203 - CT12B

Phoenix I.D.: BD53025

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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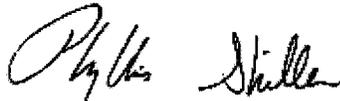
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 03, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793.A2E

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

Time

03/28/13 16:42
 03/29/13 16:30

Laboratory Data

SDG ID: GBD53011
 Phoenix ID: BD53026

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201303281203 - CT12C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	04/01/13	LB	E160.3
Extraction for PCB	Completed			03/29/13	TP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.64	mg/kg	04/01/13	AW	3540C/8082
PCB-1221	ND	0.64	mg/kg	04/01/13	AW	3540C/8082
PCB-1232	ND	0.64	mg/kg	04/01/13	AW	3540C/8082
PCB-1242	ND	0.64	mg/kg	04/01/13	AW	3540C/8082
PCB-1248	ND	0.64	mg/kg	04/01/13	AW	3540C/8082
PCB-1254	*	0.64	mg/kg	04/01/13	AW	3540C/8082
PCB-1260	ND	0.64	mg/kg	04/01/13	AW	3540C/8082
PCB-1262	ND	0.64	mg/kg	04/01/13	AW	3540C/8082
PCB-1268	ND	0.64	mg/kg	04/01/13	AW	3540C/8082
Total PCBs	0.82	0.64	mg/kg	04/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	82		%	04/01/13	AW	30 - 150 %
% TCMX	76		%	04/01/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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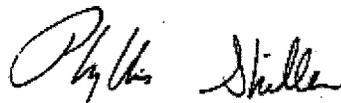
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

April 03, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

April 03, 2013

QA/QC Data

SDG I.D.: GBD53011

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 224802, QC Sample No: BD52990 (BD53011, BD53012, BD53013, BD53014, BD53015, BD53016, BD53017, BD53018, BD53019, BD53020, BD53021, BD53022, BD53023, BD53024, BD53025, BD53026)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	67	79	16.4	66	67	1.5	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	71	78	9.4	84	83	1.2	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	73	72	78	8.0	73	73	0.0	30 - 150	30
% TCMX (Surrogate Rec)	65	64	75	15.8	73	78	6.6	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

Phyllis Shiller
 Phyllis Shiller, Laboratory Director
 April 03, 2013

Sample Criteria Exceedences Report

Requested Criteria: None

State: CT

GBD53011 - FOPCBTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD53011, BD53012, BD53013, BD53014, BD53015, BD53016, BD53017, BD53018, BD53019, BD53020, BD53021, BD53022, BD53023, BD53024, BD53025, BD53026

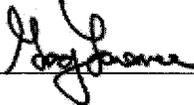
Sampling Date(s): 3/28/2013

RCP Methods Used:

1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

<p>I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.</p>	
<p>Authorized Signature: _____</p> <p style="text-align: center;"></p>	<p>Date: Wednesday, April 03, 2013</p> <p>Printed Name: Greg Lawrence</p> <p>Position: Assistant Lab Director</p>



Environmental Laboratories, Inc.
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RCP Certification Report

April 03, 2013

SDG I.D.: GBD53011

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 04/01/13-1 (BD53014)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

Instrument: Au-ecd24 04/01/13-1 (BD53016, BD53019, BD53020, BD53021)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

Instrument: Au-ecd5 04/01/13-1 (BD53015)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

Instrument: Au-ecd6 04/01/13-1 (BD53018, BD53022, BD53023)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none



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RCP Certification Report

April 03, 2013

SDG LD.: GBD53011

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

Instrument: Au-ecd7 04/01/13-1 (BD53024, BD53025, BD53026)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

Instrument: Au-ecd8 04/01/13-1 (BD53011, BD53012, BD53013, BD53017)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 4/1/2013

QC (Batch Specific)

———— Sample No: BD52990, QA/QC Batch: 224802 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 6C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)



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RCP Certification Report

April 03, 2013

SDG LD.: GBD53011

6-10-11



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- 275 Promenade Street, Suite 350, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 26087

PROJECT NAME: Central Highschool Bridgeport CT

REPORT TO: Kevin McElrath / Kieran Redfield

INVOICE TO:

P.O. No.: 20110793.A2E

Sampler's Signature: [Signature] Date: 3/29/13

Source Codes: MW=Monitoring Well PW=Potable Water S=Soil W=Waste
 SW=Surface Water T=Treatment Facility B=Sediment A=Air

X=Other Ceiling Tile

PROJECT NUMBER: 20110793.A2E

LABORATORY: Phoenix

Analysis Request

Item No.	Transfer Check	Sample Number	Source Code	Date Sampled	Time Sampled	Soil VOA Yal [] methanol	Glass Soil Container () oz	Water VOA Yal [] water [] NaOH	Glass Amber () oz	Plastic - As Is [] As Is [] HCl	Plastic - H ₂ SO ₄ [] 250 ml [] 500 ml [] 1000 ml	Plastic - HNO ₃ 250 ml [] Filtered [] Unfiltered	Plastic - NaOH 250 ml [] Unfiltered [] Filtered	Comments
21	✓	-CT-07C	X	3/29/13	1600									2x4 Sect
22	✓	-CT-08A	X	3/29/13	1605									2x2 Smecth
23	✓	-CT-08B	X	3/29/13	1610									↓
24	✓	-CT-08C	X	3/29/13	1615									2x4 Rep type I
25	✓	-CT-09A	X	3/28/13	1620									↓
26	✓	-CT-09B	X	3/28/13	1622									↓
27	✓	-CT-09C	X	3/28/13	1624									↓
28	✓	-CT-10A	X	3/28/13	1628									2x4 Rep type II
29	✓	-CT-10B	X	3/28/13	1628									↓
30	✓	-CT-10C	X	3/28/13	1630									↓

PCR 3540 / 8092

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:	Additional Comments:
1	J Blum	F to Fridge	3/29/13	907	L 1 ppm	
2	F to Fridge	Stephen Sarica	3/29/13	1130		
3	Stephen Sarica	[Signature]	3/29/13	11:52		
4	[Signature]	[Signature]	3/29/13	1430		



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- 1419 Richland Street, Columbia, SC 29201
- 78 Interstate Drive, West Springfield, MA 01089

- 50 Redfield Street, Suite 100, Boston, MA 02122
- 275 Promenade Street, Suite 350, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

6 W/27

CHAIN-OF-CUSTODY RECORD 26092

PROJECT NAME

Central High School Bridgeport, CT

PROJECT LOCATION

REPORT TO: Kevin McCarthy / Karen Red

PROJECT NUMBER

20110743.A2E

LABORATORY

Phoenix

INVOICE TO:

P.O. No.: 20110743.A2E

Sampler's Signature: *Janet Blum*

Date: 3/29/13

Source Codes:

MW=Monitoring Well PW=Portable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air

X=Other

Ceiling Tile

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
31	✓	✓	✓	✓	20130328 1203 -CT-11A	X	3/28/13	1632
32	✓	✓	✓	✓	-CT-11B	X	3/28/13	1634
33	✓	✓	✓	✓	-CT-11C	X	3/28/13	1636
34	✓	✓	✓	✓	-CT-12A	X	3/28/13	1638
35	✓	✓	✓	✓	-CT-12B	X	3/28/13	1640
36	✓	✓	✓	✓	-CT-12C	X	3/28/13	1642

Analysis Request

PLB 3540 / 1082

Containers	Soil VOA Val. [] methanol	Glass Soil Container () water [] Na2SO4	Other	Water VOA Val. [] As is [] HCl	Glass Amber ()	Plastic - As is [] 250 ml [] 500 ml [] 1000 ml	Plastic - H2SO4 [] 250 ml [] 500 ml	Plastic - NaOH, 250 ml [] filtered [] Unfiltered	Comments
	1								2x4 rep. type III
	1								I
	1								1x+ rep. type I
	1								I
	1								

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:	Additional Comments:
1	J Blum	F to Fridge	3/29/13	907	L1PPH	
2	F to Fridge	Stghon Jones	3/27/13	1130		
3	Stghon Jones	<i>[Signature]</i>	3/29/13	11:30		
4	<i>[Signature]</i>	<i>[Signature]</i>	3/29/13	1430		



Environmental Laboratories, Inc.

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Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

09/05/13
 09/05/13

Time

11:00
 16:28

Laboratory Data

SDG ID: GBF34939
 Phoenix ID: BF34939

Project ID: SP CENTRAL HS
 Client ID: 2013 0905-0926-BM-01A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.48	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	0.48	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	0.48	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	0.48	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	4.5	0.48	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	ND	0.48	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	0.48	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	0.48	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	0.48	mg/kg	09/06/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	45		%	09/06/13	AW	30 - 150 %
% TCMX	41		%	09/06/13	AW	30 - 150 %

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-BM-01A

Phoenix I.D.: BF34939

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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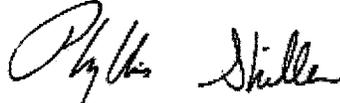
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 September 11, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 09/05/13 11:05
 09/05/13 16:28

Laboratory Data

SDG ID: GBF34939
 Phoenix ID: BF34940

Project ID: SP CENTRAL HS
 Client ID: 2013 0905-0926-BM-01B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.69	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	0.69	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	0.69	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	0.69	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	ND	0.69	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	4.3	0.69	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	0.69	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	0.69	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	0.69	mg/kg	09/06/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	77		%	09/06/13	AW	30 - 150 %
% TCMX	73		%	09/06/13	AW	30 - 150 %

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-BM-01B

Phoenix I.D.: BF34940

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

Time

09/05/13 11:10
 09/05/13 16:28

Laboratory Data

SDG ID: GBF34939
 Phoenix ID: BF34941

Project ID: SP CENTRAL HS
 Client ID: 2013 0905-0926-BM-01C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	1	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	ND	1	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	1.8	1	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	09/06/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	95		%	09/06/13	AW	30 - 150 %
% TCMX	99		%	09/06/13	AW	30 - 150 %

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-BM-01C

Phoenix I.D.: BF34941

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



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Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

09/05/13
 09/05/13

Time

11:15
 16:28

Laboratory Data

SDG ID: GBF34939
 Phoenix ID: BF34942

Project ID: SP CENTRAL HS
 Client ID: 2013 0905-0926-CB6-01A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	0.82	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	85		%	09/06/13	AW	30 - 150 %
% TCMX	91		%	09/06/13	AW	30 - 150 %

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-01A

Phoenix I.D.: BF34942

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

09/05/13
 09/05/13

Time

11:20
 16:28

Laboratory Data

SDG ID: GBF34939
 Phoenix ID: BF34943

Project ID: SP CENTRAL HS
 Client ID: 2013 0905-0926-CB6-01B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.33	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	*	0.33	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	*	0.33	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	09/06/13	AW	3540C/8082
Total PCBs	3	0.33	mg/kg	09/06/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	83		%	09/06/13	AW	30 - 150 %
% TCMX	65		%	09/06/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

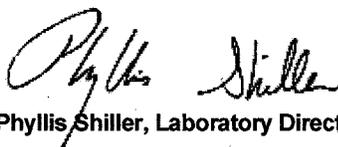
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

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Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

09/05/13
 09/05/13

Time

11:25
 16:28

Laboratory Data

SDG ID: GBF34939
 Phoenix ID: BF34944

Project ID: SP CENTRAL HS
 Client ID: 2013 0905-0926-CB6-01C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.47	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	0.47	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	0.47	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	0.47	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	*	0.47	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	*	0.47	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	0.47	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	0.47	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	0.47	mg/kg	09/06/13	AW	3540C/8082
Total PCBs	4.3	0.47	mg/kg	09/06/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	8.2		%	09/06/13	AW	30 - 150 % 3
% TCMX	5.9		%	09/06/13	AW	30 - 150 % 3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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3 = This parameter exceeds laboratory specified limits.

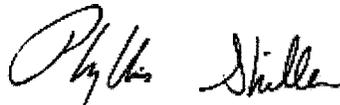
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclors of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

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Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

09/05/13
 09/05/13

Time

11:30
 16:28

Laboratory Data

SDG ID: GBF34939
 Phoenix ID: BF34945

Project ID: SP CENTRAL HS
 Client ID: 2013 0905-0926-CB6-02A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.58	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	0.58	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	0.58	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	0.58	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	*	0.58	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	*	0.58	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	0.58	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	0.58	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	0.58	mg/kg	09/06/13	AW	3540C/8082
Total PCBs	5.2	0.58	mg/kg	09/06/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	81		%	09/06/13	AW	30 - 150 %
% TCMX	80		%	09/06/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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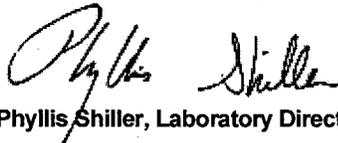
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

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Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

09/05/13
 09/05/13

Time

11:40
 16:28

Laboratory Data

SDG ID: GBF34939
 Phoenix ID: BF34946

Project ID: SP CENTRAL HS
 Client ID: 2013 0905-0926-CB6-02B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	3.5	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	0.79	mg/kg	09/06/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	82		%	09/06/13	AW	30 - 150 %
% TCMX	94		%	09/06/13	AW	30 - 150 %

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-02B

Phoenix I.D.: BF34946

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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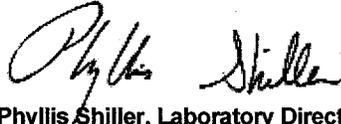
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time

09/05/13 11:50
 09/05/13 16:28

Laboratory Data

SDG ID: GBF34939
 Phoenix ID: BF34947

Project ID: SP CENTRAL HS
 Client ID: 2013 0905-0926-CB6-02C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.45	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	0.45	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	0.45	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	0.45	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	3.1	0.45	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	ND	0.45	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	0.45	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	0.45	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	0.45	mg/kg	09/06/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	82		%	09/06/13	AW	30 - 150 %
% TCMX	68		%	09/06/13	AW	30 - 150 %

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-02C

Phoenix I.D.: BF34947

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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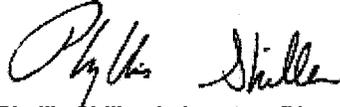
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

09/05/13
 09/05/13

Time

11:55
 16:28

Laboratory Data

SDG ID: GBF34939
 Phoenix ID: BF34948

Project ID: SP CENTRAL HS
 Client ID: 2013 0905-0926-CB6-03A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.35	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	0.93	0.35	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	09/06/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	61		%	09/06/13	AW	30 - 150 %
% TCMX	69		%	09/06/13	AW	30 - 150 %

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-03A

Phoenix I.D.: BF34948

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time

09/05/13 12:00
 09/05/13 16:28

Laboratory Data

SDG ID: GBF34939
 Phoenix ID: BF34949

Project ID: SP CENTRAL HS
 Client ID: 2013 0905-0926-CB6-03B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.49	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	0.49	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	0.49	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	0.49	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	0.7	0.49	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	ND	0.49	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	0.49	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	0.49	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	0.49	mg/kg	09/06/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	52		%	09/06/13	AW	30 - 150 %
% TCMX	60		%	09/06/13	AW	30 - 150 %

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-03B

Phoenix I.D.: BF34949

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: 24 Hour
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

09/05/13
 09/05/13

Time

12:05
 16:28

Laboratory Data

SDG ID: GBF34939
 Phoenix ID: BF34950

Project ID: SP CENTRAL HS
 Client ID: 2013 0905-0926-CB6-03C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	09/06/13	LB	E160.3
Extraction for PCB	Completed			09/05/13	TB/X	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	1.3	mg/kg	09/06/13	AW	3540C/8082
PCB-1221	ND	1.3	mg/kg	09/06/13	AW	3540C/8082
PCB-1232	ND	1.3	mg/kg	09/06/13	AW	3540C/8082
PCB-1242	ND	1.3	mg/kg	09/06/13	AW	3540C/8082
PCB-1248	3.4	1.3	mg/kg	09/06/13	AW	3540C/8082
PCB-1254	ND	1.3	mg/kg	09/06/13	AW	3540C/8082
PCB-1260	ND	1.3	mg/kg	09/06/13	AW	3540C/8082
PCB-1262	ND	1.3	mg/kg	09/06/13	AW	3540C/8082
PCB-1268	ND	1.3	mg/kg	09/06/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	57		%	09/06/13	AW	30 - 150 %
% TCMX	64		%	09/06/13	AW	30 - 150 %

Project ID: SP CENTRAL HS
Client ID: 2013 0905-0926-CB6-03C

Phoenix I.D.: BF34950

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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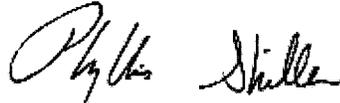
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

September 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

September 11, 2013

QA/QC Data

SDG I.D.: GBF34939

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 250234, QC Sample No: BF34701 (BF34939, BF34940, BF34941, BF34942, BF34943, BF34944, BF34945, BF34946, BF34947)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	83	87	4.7				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	86	82	4.8				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	87	80	81	1.2				30 - 150	30
% TCMX (Surrogate Rec)	97	92	94	2.2				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 250245, QC Sample No: BF34963 (BF34948, BF34949, BF34950)

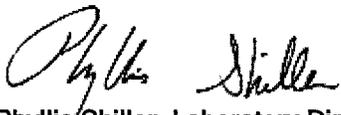
Polychlorinated Biphenyls - Solid

PCB-1016	ND	90	89	1.1	101	74	30.9	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	88	87	1.1	100	93	7.3	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	94	93	94	1.1	95	92	3.2	30 - 150	30
% TCMX (Surrogate Rec)	99	103	99	4.0	104	93	11.2	30 - 150	30

r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


 Phyllis Shiller, Laboratory Director
 September 11, 2013

Sample Criteria Exceedences Report

Requested Criteria: None

GBF34939 - FOPCBTR

State: CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: SP CENTRAL HS **Project Number:**

Laboratory Sample ID(s): BF34939, BF34940, BF34941, BF34942, BF34943, BF34944, BF34945,
BF34946, BF34947, BF34948, BF34949, BF34950

Sampling Date(s): 9/5/2013

RCP Methods Used:

- 1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

Rmakol

Date: Wednesday, September 11, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

September 11, 2013

SDG I.D.: GBF34939

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd3 09/06/13-1 (BF34943, BF34947)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 9/6/2013

Instrument: Au-ecd5 09/06/13-1 (BF34939, BF34940, BF34941)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 9/6/2013

Instrument: Au-ecd6 09/06/13-1 (BF34942, BF34946, BF34948, BF34949, BF34950)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 9/6/2013

Instrument: Au-ecd7 09/06/13-1 (BF34945)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none



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RCP Certification Report

September 11, 2013

SDG I.D.: GBF34939

Printed Name Adam Werner
Position: Chemist
Date: 9/6/2013

Instrument: Au-ecd8 09/06/13-1 (BF34944)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 9/6/2013

QC Comments: QC Batch 250234 09/05/13 (BF34939, BF34940, BF34941, BF34942, BF34943, BF34944, BF34945, BF34946, BF34947)

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QC (Batch Specific)

----- Sample No: BF34701, QA/QC Batch: 250234 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

----- Sample No: BF34963, QA/QC Batch: 250245 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 5C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)



Environmental Laboratories, Inc.
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RCP Certification Report

September 11, 2013

SDG I.D.: GBF34939



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- 56 Quarry Road, Trumbull, CT 06611
- 1419 Richland Street, Columbia, SC 29201

- 78 Interstate Drive, West Springfield, MA 01089
- 317 Iron Horse Way, Suite 204, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY

5⁰ w/ptc

CHAIN-OF-CUSTODY RECORD 29328

PROJECT NAME: **SP Central High School** PROJECT LOCATION: **Branford, CT** PROJECT NUMBER: **20110793-A2C** LABORATORY: **PHOENIX**

REPORT TO: **KEVIN MC CARTHY / KAREN REDFIELD**

INVOICE TO: **KEVIN MC CARTHY**

P.O. NO.: **20110793-A2C**

Sampler's Signature: *Kevin McCarthy* Date: **9/5/2013**

Source Codes: MW=Monitoring Well PW=Potable Water T=Treatment Facility S=Soil B=Sediment
 SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete

X=Other **Bulk Building Materials.**

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request	Containers	Comments
	1	2	3	4							
1	✓	✓	✓	✓	BM-01A	X	9/5	1100	Plastic - Asst. 250 ml	Plastic - Amber	Bulk waste
2	✓	✓	✓	✓	BM-01B			1100	Plastic - Asst. 250 ml	Plastic - Amber	
3	✓	✓	✓	✓	BM-01C			1100	Plastic - Asst. 250 ml	Plastic - Amber	
4	✓	✓	✓	✓	CB6-01A			1115	Plastic - Asst. 250 ml	Plastic - Amber	
5	✓	✓	✓	✓	CB6-01B			1120	Plastic - Asst. 250 ml	Plastic - Amber	
6	✓	✓	✓	✓	CB6-01C			1125	Plastic - Asst. 250 ml	Plastic - Amber	
7	✓	✓	✓	✓	CB6-02A			1150	Plastic - Asst. 250 ml	Plastic - Amber	
8	✓	✓	✓	✓	CB6-02B			1140	Plastic - Asst. 250 ml	Plastic - Amber	
9	✓	✓	✓	✓	CB6-02C			1150	Plastic - Asst. 250 ml	Plastic - Amber	
10	✓	✓	✓	✓	CB6-03A			1156	Plastic - Asst. 250 ml	Plastic - Amber	

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions:
1	<i>Kevin McCarthy</i>	<i>Kevin McCarthy</i>	9/5/13	11:10	<input type="checkbox"/> CT Tax Exempt <input type="checkbox"/> QA/QC <input type="checkbox"/> Other
2	<i>Kevin McCarthy</i>	<i>Kevin McCarthy</i>	9/5/13	11:05	<input type="checkbox"/> Duplicates <input type="checkbox"/> Blanks (Item Nos. _____)
3	<i>Kevin McCarthy</i>	<i>Kevin McCarthy</i>	9/5/13	16:28	Reporting and Detection Limit Requirements: <input type="checkbox"/> RCP Deliverables <input type="checkbox"/> MCP CAM Cert.
4	<i>Kevin McCarthy</i>	<i>Kevin McCarthy</i>			Additional Comments: ← 1 ppm



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- 317 Iron Horse Way, Suite 204, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY

502/1PK

CHAIN-OF-CUSTODY RECORD 26906

PROJECT NAME

39 - Central High School

PROJECT LOCATION

Bedsford, G

PROJECT NUMBER

2610793-AZE

LABORATORY

Phelps

REPORT TO: Kevin McCash / KARON REEF

INVOICE TO: Karen-Ann Kevin McCash

P.O. NO.: 29110793-AZE

Sampler's Signature: [Signature] Date: 9/5/13

Source Codes:

MW=Monitoring Well

SW=Surface Water

X=Other

PW=Potable Water

ST=Stormwater

T=Treatment Facility

W=Waste

A=Air

B=Sediment

C=Concrete

Public Utility Meters

Item No.	Transfer Check	Sample Number	Source Code	Date Sampled	Time Sampled
11	✓	086-090	X	9/5	1200
12	✓	086-090	X	9/5	1205

Analysis Request

718 (4082/579)

Containers	Analysis Request
Soil VOA Vol, □ methanol	
Glass Soil Container (5) or □ Na2SO4	
Other	
Water VOA Vol, □ As is □ HCl	
Glass Amber () ml □ As is □ H2SO4	
Other	
Plastic - As is, □ 250 ml □ 500 □ 1000 ml	
Plastic - H2SO4, □ 250 ml □ 500 □ 1000 ml	
Plastic - HNO3, □ 250 ml □ 500 □ 1000 ml	
Plastic - NaOH, □ 250 ml	

Item No.	Transfer Check	Sample Number	Source Code	Date Sampled	Time Sampled	Comments
11	✓	086-090	X	9/5	1200	White Soude
12	✓	086-090	X	9/5	1205	

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions:
1	<u>[Signature]</u>	<u>[Signature]</u>	9/5	1200	<input type="checkbox"/> CT Tax Exempt <input type="checkbox"/> QA/QC <input type="checkbox"/> Other
2	<u>[Signature]</u>	<u>[Signature]</u>	9/5	1200	<input type="checkbox"/> Duplicates <input type="checkbox"/> Blanks (Item Nos:)
3	<u>[Signature]</u>	<u>[Signature]</u>	9/5	1200	Reporting and Detection Limit Requirements: <input type="checkbox"/> RCP Deliverables <input type="checkbox"/> MCP CAM Cert.
4					Additional Comments: <u>L 1 pm</u>

Appendix B

Laboratory Analysis and Chain of Custody Adjacent Porous Surfaces - Bulk



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

Time

02/20/13 8:00
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38897
 Phoenix ID: BD38897

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ST-ED/WC-AS-BRICK-01A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%			E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.32	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	76		%	02/26/13	AW	30 - 150 %
% TCMX	83		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

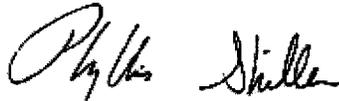
Comments:

%SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

Time

02/20/13 8:05
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38897
 Phoenix ID: BD38898

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ST-ED/WC-AS-BRICK-01B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%			E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	73		%	02/26/13	AW	30 - 150 %
% TCMX	80		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

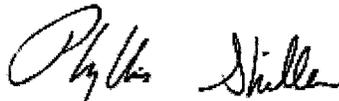
Comments:

%SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/20/13
02/22/13

Time

8:10
15:47

Laboratory Data

SDG ID: GBD38897
Phoenix ID: BD38899

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ST-ED/WC-AS-BRICK-01C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%			E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	74		%	02/26/13	AW	30 - 150 %
% TCMX	78		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

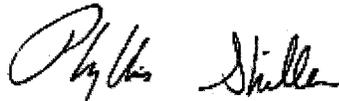
Comments:

%SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/20/13
 02/22/13

Time

8:20
 15:47

Laboratory Data

SDG ID: GBD38897
 Phoenix ID: BD38900

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ST-ID/WC-AS-CB-01A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%			E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	72		%	02/26/13	AW	30 - 150 %
% TCMX	74		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

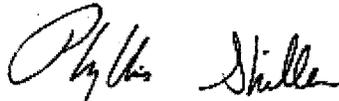
Comments:

%SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/20/13
 02/22/13

Time

8:25
 15:47

Laboratory Data

SDG ID: GBD38897
 Phoenix ID: BD38901

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ST-ID/WC-AS-CB-01B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%			E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	80		%	02/26/13	AW	30 - 150 %
% TCMX	75		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

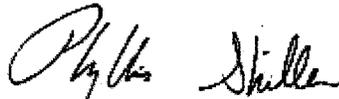
Comments:

%SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

Time

02/20/13 8:30
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38897
 Phoenix ID: BD38902

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ST-ID/WC-AS-CB-01C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%			E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	76		%	02/26/13	AW	30 - 150 %
% TCMX	76		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

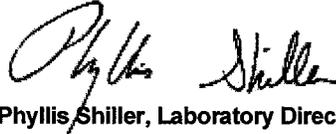
Comments:

%SOLIDS ASSUMED 100%

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/20/13
 02/22/13

Time

8:40
 15:47

Laboratory Data

SDG ID: GBD38897
 Phoenix ID: BD38903

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-EDC-AS-BRICK-01A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%			E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	74		%	02/26/13	AW	30 - 150 %
% TCMX	74		%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EDC-AS-BRICK-01A

Phoenix I.D.: BD38903

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

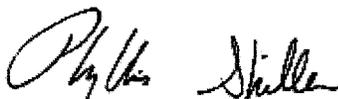
Comments:

%SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/20/13
 02/22/13

Time

8:45
 15:47

Laboratory Data

SDG ID: GBD38897
 Phoenix ID: BD38904

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-EDC-AS-BRICK-01B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%			E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	76		%	02/26/13	AW	30 - 150 %
% TCMX	74		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

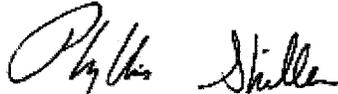
Comments:

%SOLIDS ASSUMED 100%

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/20/13
 02/22/13

Time

8:50
 15:47

Laboratory Data

SDG ID: GBD38897
 Phoenix ID: BD38905

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-EDC-AS-BRICK-01C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%			E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	76		%	02/26/13	AW	30 - 150 %
% TCMX	76		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

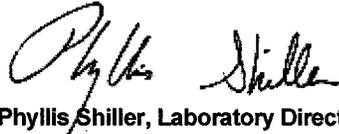
Comments:

%SOLIDS ASSUMED 100%

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/20/13
 02/22/13

Time

8:55
 15:47

Laboratory Data

SDG ID: GBD38897
 Phoenix ID: BD38906

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-SW-IWC-AS-CB-01A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%			E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	75		%	02/26/13	AW	30 - 150 %
% TCMX	77		%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-SW-IWC-AS-CB-01A

Phoenix I.D.: BD38906

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

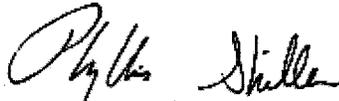
Comments:

%SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report
 February 28, 2013

QA/QC Data

SDG I.D.: GBD38897

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 221908, QC Sample No: BD38896 (BD38897, BD38898)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	83	83	0.0	78	85	8.6	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	85	84	1.2	86	92	6.7	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	85	87	87	0.0	77	81	5.1	30 - 150	30
% TCMX (Surrogate Rec)	74	78	79	1.3	77	80	3.8	30 - 150	30

QA/QC Batch 222006, QC Sample No: BD38922 (BD38899, BD38900, BD38901, BD38902, BD38903, BD38904, BD38905, BD38906)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	80	84	4.9				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	78	80	2.5				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	70	72	77	6.7				30 - 150	30
% TCMX (Surrogate Rec)	75	78	83	6.2				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

Phyllis Shiller
 Phyllis Shiller, Laboratory Director
 February 28, 2013

Thursday, February 28, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBD38897 - FOPCBTR

Sample No	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
-----------	-------	-----------------	----------	--------	----	----------	----	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD38897, BD38898, BD38899, BD38900, BD38901, BD38902, BD38903, BD38904, BD38905, BD38906

Sampling Date(s): 2/20/2013

RCP Methods Used:

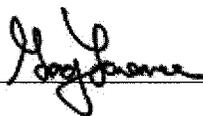
1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____



Date: Thursday, February 28, 2013

Printed Name: Greg Lawrence

Position: Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG I.D.: GBD38897

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 02/26/13-1 (BD38897, BD38898, BD38899, BD38900, BD38901, BD38902, BD38903, BD38904, BD38905, BD38906)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/26/2013

QC Comments: QC Batch 222006 02/25/13 (BD38899, BD38900, BD38901, BD38902, BD38903, BD38904, BD38905, BD38906)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QC (Batch Specific)

———— Sample No: BD38896, QA/QC Batch: 221908 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD38922, QA/QC Batch: 222006 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG LD.: GBD38897

60 MCTA



- 146 Hartford Road, Manchester, CT 06040
- 56 Quarry Road, Trumbull, CT 06611
- 1419 Richland Street, Columbia, SC 29201
- 78 Interstate Drive, West Springfield, MA 01089

- 50 Redfield Street, Suite 100, Boston, MA 02122
- 275 Promenade Street, Suite 350, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 26017

PROJECT NAME: Central High School
 PROJECT LOCATION: Bridgeport, CT
 REPORT TO: Kevin McErthy / Karon Redfield
 INVOICE TO:
 P.O. No.: 20110793.A2E
 Sampler's Signature: James Blum Date: 2/21/13

Source Codes: PW=Portable Water S=Soil W=Waste
 MW=Monitoring Well T=Treatment Facility B=Sediment A=Air
 SW=Surface Water X=Other adjacent surfaces (concrete, brick)

PROJECT NUMBER: 20110793.A2E
 LABORATORY: Phoenix

Item No.	Transfer Check	Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request	Containers	Comments
1	✓	201302201203	X	2/20/13	8:00		Soil VOA Vial [] methanol	
2	✓	-ST-ED/WC-AS-Brick-01A	X	2/20/13	8:05		Soil VOA Vial [] methanol	
3	✓	-ST-ED/WC-AS-Brick-01B	X	2/20/13	8:10		Soil VOA Vial [] methanol	
4	✓	-ST-ED/WC-AS-Brick-01C	X	2/20/13	8:20		Soil VOA Vial [] methanol	
5	✓	-ST-ID/WC-AS-CB-01A	X	2/20/13	8:25		Soil VOA Vial [] methanol	
6	✓	-ST-ID/WC-AS-CB-01B	X	2/20/13	8:30		Soil VOA Vial [] methanol	
7	✓	-ST-ID/WC-AS-CB-01C	X	2/20/13	8:40		Soil VOA Vial [] methanol	
8	✓	-EDC-AS-Brick-01A	X	2/20/13	8:45		Soil VOA Vial [] methanol	
9	✓	-EDC-AS-Brick-01B	X	2/20/13	8:50		Soil VOA Vial [] methanol	
10	✓	-SW-TWC-AS-CB-01A	X	2/20/13	8:55		Soil VOA Vial [] methanol	

Soil VOA Vial [] methanol	Class Soil Container (4) oz	Water VOA Vial [] H ₂ O	Class Amber ()	Plastic - As Is [] HCl	Plastic - As Is [] H ₂ SO ₄	Plastic - HNO ₃ [] 250 ml [] 500 ml	Plastic - NaOH, 250 ml	Comments
1								
1								
1								
1								Control Blank
1								
1								
1								
1								
1								
1								

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	JB/Am	P to Fridge	2/21/13	10:00	≤ 1 PPM
2	E to Fridge	J Blm	2/22/13	11:10	
3	J Blm	Kalub G.	2/22/13	11:10	
4	Kalub G.	J A	2/22/13	15:17	

Additional Comments:



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/20/13
 02/22/13

Time

9:00
 15:47

Laboratory Data

SDG ID: GBD38922
 Phoenix ID: BD38932

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-SW-IWC-AS-CB-01B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	76		%	02/26/13	AW	30 - 150 %
% TCMX	73		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/09/13
 02/22/13

Time

9:05
 15:47

Laboratory Data

SDG ID: GBD38922
 Phoenix ID: BD38933

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-SW-IWC-AS-CONC-01C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	*	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	*	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
Total PCBs	3.6	0.33	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	94		%	02/26/13	AW	30 - 150 %
% TCMX	89		%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-SW-IWC-AS-CONC-01C

Phoenix I.D.: BD38933

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclors of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/09/13 9:15
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38922
 Phoenix ID: BD38934

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-EVC-AS-CONC-01A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	74		%	02/26/13	AW	30 - 150 %
% TCMX	72		%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EVC-AS-CONC-01A

Phoenix I.D.: BD38934

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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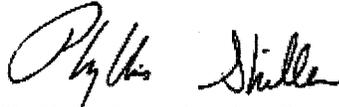
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/09/13 9:20
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38922
 Phoenix ID: BD38935

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-EVC-AS-CONC-01B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	74		%	02/26/13	AW	30 - 150 %
% TCMX	77		%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EVC-AS-CONC-01B

Phoenix I.D.: BD38935

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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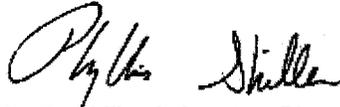
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/09/13 9:25
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38922
 Phoenix ID: BD38936

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-EVC-AS-CONC-01C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	80		%	02/26/13	AW	30 - 150 %
% TCMX	83		%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EVC-AS-CONC-01C

Phoenix I.D.: BD38936

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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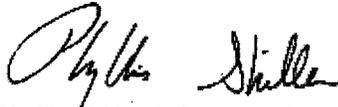
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/09/13 9:35
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38922
 Phoenix ID: BD38937

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AS-CONC-01A-01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	70		%	02/26/13	AW	30 - 150 %
% TCMX	66		%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AS-CONC-01A-01

Phoenix I.D.: BD38937

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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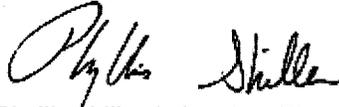
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/09/13 9:40
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38922
 Phoenix ID: BD38938

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AS-CONC-01A-06

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	69		%	02/26/13	AW	30 - 150 %
% TCMX	70		%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AS-CONC-01A-06

Phoenix I.D.: BD38938

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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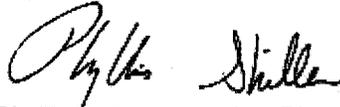
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/09/13 9:45
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38922
 Phoenix ID: BD38939

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AS-CONC-01A-12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	66		%	02/26/13	AW	30 - 150 %
% TCMX	78		%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AS-CONC-01A-12

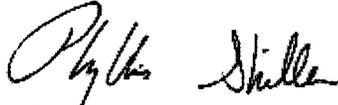
Phoenix I.D.: BD38939

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/09/13 9:55
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38922
 Phoenix ID: BD38940

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AS-CONC-01B-01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	1.2	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	72		%	02/26/13	AW	30 - 150 %
% TCMX	91		%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AS-CONC-01B-01

Phoenix I.D.: BD38940

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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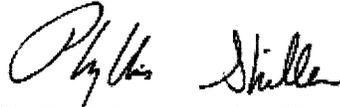
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/09/13 10:00
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38922
 Phoenix ID: BD38941

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AS-CONC-01B-06

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	63		%	02/26/13	AW	30 - 150 %
% TCMX	62		%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AS-CONC-01B-06

Phoenix I.D.: BD38941

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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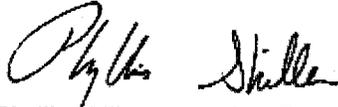
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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QA/QC Report

March 04, 2013

QA/QC Data

SDG I.D.: GBD38922

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 222006, QC Sample No: BD38922 (BD38922)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	80	84	4.9				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	78	80	2.5				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	70	72	77	6.7				30 - 150	30
% TCMX (Surrogate Rec)	75	78	83	6.2				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QA/QC Batch 222019, QC Sample No: BD38923 (BD38923, BD38924, BD38925, BD38926, BD38927, BD38928, BD38929, BD38930, BD38931, BD38932, BD38933, BD38934, BD38935, BD38936, BD38937, BD38938, BD38939, BD38940, BD38941)

Polychlorinated Biphenyls - Soil, Solid

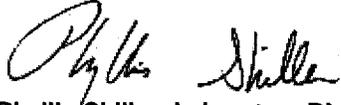
PCB-1016	ND	84	82	2.4				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	79	80	1.3				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	71	73	72	1.4				30 - 150	30
% TCMX (Surrogate Rec)	75	76	74	2.7				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


 Phyllis Shiller, Laboratory Director
 March 04, 2013

Monday, March 04, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBD38922 - FOPCBTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



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RCP Certification Report

March 04, 2013

SDG I.D.: GBD38922

Not all requested reporting levels were achieved due to the presence of target and non target compounds.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 02/27/13-1 (BD38930, BD38931)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/27/2013

Instrument: Au-ecd5 02/26/13-1 (BD38924, BD38925, BD38926, BD38927, BD38928, BD38938, BD38939, BD38940, BD38941)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/26/2013

Instrument: Au-ecd5 02/27/13-1 (BD38922)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/27/2013

Instrument: Au-ecd7 02/26/13-1 (BD38923, BD38929, BD38932, BD38933, BD38934, BD38935, BD38936, BD38937)



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RCP Certification Report

March 04, 2013

SDG I.D.: GBD38922

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/26/2013

QC Comments: QC Batch 222006 02/25/13 (BD38922)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QC Comments: QC Batch 222019 02/25/13 (BD38923, BD38924, BD38925, BD38926, BD38927, BD38928, BD38929, BD38930, BD38931, BD38932, BD38933, BD38934, BD38935, BD38936, BD38937, BD38938, BD38939, BD38940, BD38941)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QC (Site Specific)

———— Sample No: BD38922, QA/QC Batch: 222006 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD38923, QA/QC Batch: 222019 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



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RCP Certification Report

March 04, 2013

SDG I.D.: GBD38922



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/20/13 10:05
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38968
 Phoenix ID: BD38968

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302201203-ECC-AS-CONC-01B-12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

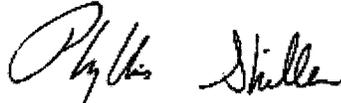
% DCBP	88		%	02/28/13	AW	30 - 150 %
% TCMX	77		%	02/28/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



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Analysis Report
 March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/20/13 10:15
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38968
 Phoenix ID: BD38969

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302201203-ECC-AS-CONC-01C-01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	1.9	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	98		%	02/28/13	AW	30 - 150 %
% TCMX	92		%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302201203-ECC-AS-CONC-01C-01

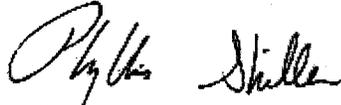
Phoenix I.D.: BD38969

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/20/13 10:20
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38968
 Phoenix ID: BD38970

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302201203-ECC-AS-CONC-01C-06

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	77		%	02/28/13	AW	30 - 150 %
% TCMX	70		%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302201203-ECC-AS-CONC-01C-06

Phoenix I.D.: BD38970

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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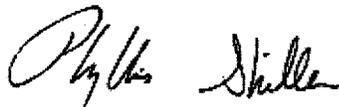
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



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Analysis Report
 March 04, 2013

FOR: Attn: Mr Kevin McCarthy
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 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/20/13 10:25
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38968
 Phoenix ID: BD38971

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302201203-ECC-AS-CONC-01C-12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	95		%	02/27/13	AW	30 - 150 %
% TCMX	67		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302201203-ECC-AS-CONC-01C-12

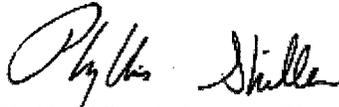
Phoenix I.D.: BD38971

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/20/13 10:35
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38968
 Phoenix ID: BD38972

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302201203-EEC-AS-BRICK-01A-01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	94		%	02/27/13	AW	30 - 150 %
% TCMX	76		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302201203-EEC-AS-BRICK-01A-01

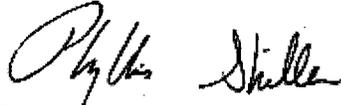
Phoenix I.D.: BD38972

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/20/13 10:40
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38968
 Phoenix ID: BD38973

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302201203-EEC-AS-BRICK-01A-06

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.32	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.32	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.32	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.32	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.32	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.32	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.32	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.32	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.32	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	78		%	02/27/13	AW	30 - 150 %
% TCMX	78		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302201203-EEC-AS-BRICK-01A-06

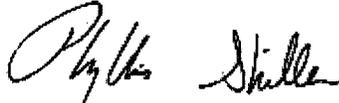
Phoenix I.D.: BD38973

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date: 02/20/13 10:45
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38968
 Phoenix ID: BD38974

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302201203-EEC-AS-BRICK-01A-12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/27/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	02/27/13	AW	30 - 150 %
% TCMX	64		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302201203-EEC-AS-BRICK-01A-12

Phoenix I.D.: BD38974

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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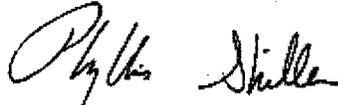
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

March 04, 2013

QA/QC Data

SDG I.D.: GBD38968

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 222035, QC Sample No: BD38966 (BD38968, BD38969, BD38970, BD38971, BD38972, BD38973, BD38974)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	79	80	1.3				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	80	82	2.5				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	72	70	73	4.2				30 - 150	30
% TCMX (Surrogate Rec)	73	70	74	5.6				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

Phyllis Shiller, Laboratory Director
March 04, 2013

Monday, March 04, 2013

Sample Criteria Exceedences Report

Requested Criteria: None

GBD38968 - FOPCBTR

State: CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
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Phoenix Analyte

Criteria

Result

RL

Criteria

RL

Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD38968, BD38969, BD38970, BD38971, BD38972, BD38973, BD38974

Sampling Date(s): 2/20/2013

RCP Methods Used:

1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

R. Makol

Date: Monday, March 04, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 04, 2013

SDG I.D.: GBD38968

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd6 02/27/13-1 (BD38974)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/27/2013

Instrument: Au-ecd7 02/27/13-1 (BD38973)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/27/2013

Instrument: Au-ecd8 02/28/13-1 (BD38968, BD38969, BD38970)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/28/2013

QC Comments: QC Batch 222035 02/25/13 (BD38968, BD38969, BD38970, BD38971, BD38972, BD38973, BD38974)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.



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RCP Certification Report

March 04, 2013

SDG I.D.: GBD38968

QC (Batch Specific)

———— Sample No: BD38966, QA/QC Batch: 222035 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)

FUSS & O'NEILL
Disciplines to Deliver
 (860) 646-2469 • www.FandO.com

- 146 Hartford Road, Manchester, CT 06040
- 56 Quarry Road, Trumbull, CT 06611
- 1419 Richland Street, Columbia, SC 29201
- 78 Interstate Drive, West Springfield, MA 01089
- 50 Redfield Street, Suite 100, Boston, MA 02122
- 275 Promenade Street, Suite 350, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 26018

PROJECT NAME: Central High School PROJECT LOCATION: Bridgeport, CT PROJECT NUMBER: 20110793.A2E LABORATORY: Phoenix

REPORT TO: Kevin McCarthy / Karron Redfield Analysis Request: Plas 3540 / 1802

INVOICE TO: _____

P.O. NO.: 20110793.A2E

Sampler's Signature: [Signature] Date: 2/21/13

Source Codes: MW=Monitoring Well PW=Portable Water S=Soil W=Waste
 SW=Surface Water T=Treatment Facility B=Sediment A=Air

X=Other adjacent Surfaces (concrete, brick)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Comments
	1	2	3	4					
21	✓	✓	✓	✓	- ECC-AS-conc-01B-12	X	2/20/13	10:05	✓
22	✓	✓	✓	✓	- ECC-AS-conc-01C-01	X	2/20/13	10:15	✓
23	✓	✓	✓	✓	- ECC-AS-conc-01C-06	X	2/20/13	10:20	✓
24	✓	✓	✓	✓	- ECC-AS-conc-01C-12	X	2/20/13	10:25	✓
25	✓	✓	✓	✓	- ECC-AS-Brick-01A-01	X	2/20/13	10:35	✓
26	✓	✓	✓	✓	- ECC-AS-Brick-01A-06	X	2/20/13	10:40	✓
27	✓	✓	✓	✓	- ECC-AS-Brick-01A-12	X	2/20/13	10:45	✓

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	J Blum	F to Fridge	2/21/13	10:00	< 1 ppm
2	F to Fridge	J Blum	2/22/13	11:17	Additional Comments:
3	J Blum	Kayleb G.	2/22/13	11:17	
4	Kayleb G.	[Signature]	2/22/13	15:40	

Other 3 Days*
 Standard (5 days)
 Other _____ (days)
 *Surcharge Applies



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date Time
02/06/13 10:30
02/22/13 15:47

Laboratory Data

SDG ID: GBD39000
Phoenix ID: BD39000

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG CONCRETE 01-02

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	0.2	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	83		%	02/27/13	AW	30 - 150 %
% TCMX	75		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG CONCRETE 01-02

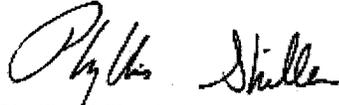
Phoenix I.D.: BD39000

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/06/13 10:45
 02/22/13 15:47

Laboratory Data

SDG ID: GBD39000
 Phoenix ID: BD39001

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG CONCRETE 03-04

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	0.78	0.17	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	100		%	02/27/13	AW	30 - 150 %
% TCMX	83		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG CONCRETE 03-04

Phoenix I.D.: BD39001

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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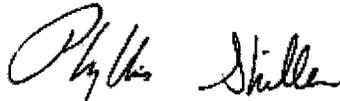
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclors of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/06/13 10:55
 02/22/13 15:47

Laboratory Data

SDG ID: GBD39000
 Phoenix ID: BD39002

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG SOIL 05-06

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	7.6	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	101		%	02/27/13	AW	30 - 150 %
% TCMX	92		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG SOIL 05-06

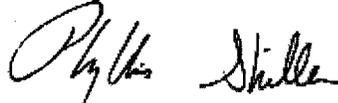
Phoenix I.D.: BD39002

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/06/13 11:05
 02/22/13 15:47

Laboratory Data

SDG ID: GBD39000
 Phoenix ID: BD39003

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG SOIL 07-08

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	4.2	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	107		%	02/27/13	AW	30 - 150 %
% TCMX	91		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG SOIL 07-08

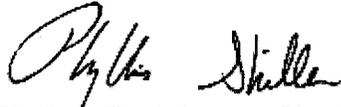
Phoenix I.D.: BD39003

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/06/13 11:15
 02/22/13 15:47

Laboratory Data

SDG ID: GBD39000
 Phoenix ID: BD39004

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG SOIL 09-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	7.3	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	92		%	02/27/13	AW	30 - 150 %
% TCMX	88		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG SOIL 09-10

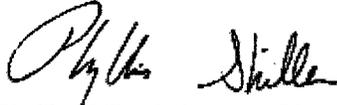
Phoenix I.D.: BD39004

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager

6010213



FUSS & O'NEILL
(860) 646-2469 • www.FandO.com

- 146 Hartford Road, Manchester, CT 06040
- 56 Quarry Road, Trumbull, CT 06611
- 1419 Richland Street, Columbia, SC 29201

- 78 Interstate Drive, West Springfield, MA 01089
- 317 Iron Horse Way, Suite 204, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 26981

PROJECT NAME: **Central High school**
 PROJECT LOCATION: **Bridgeport, CT**
 REPORT TO: **Kevin McCarthy / Karen Redfield**
 INVOICE TO:

PROJECT NUMBER: **20110793.A2E**
 LABORATORY: **Phoenix**

P.O. No: **20110793.A2E**
 Date: **2/13/13**
 Sampler's Signature: *James Blum*
 Source Codes: MW=Monitoring Well, PW=Potable Water, T=Treatment Facility, S=Soil, B=Sediment
 SW=Surface Water, ST=Stormwater, W=Waste, A=Air, C=Concrete
 X=Other **Adjacent ground surfaces (soil, asphalt, concrete)**

Analysis Request	Containers
PCB, 3540, 18092	Soil VOA Vol, □ water, □ methanol
	Soil VOA Vol, □ water, □ NaSO ₂
	Other: □ NaSO ₂
	Other: □ NaSO ₂
	Other: □ NaSO ₂
	Other: □ NaSO ₂
	Other: □ NaSO ₂
	Other: □ NaSO ₂
	Other: □ NaSO ₂
	Other: □ NaSO ₂

Item No.	Transfer Check	Sample Number	Source Code	Date Sampled	Time Sampled	Comments
1	✓	201302061203 -ECC-AG-Concrete-01	X	2/6/13	10:30	Composite
2	✓	-ECC-AG-Concrete-02	X	2/6/13	10:35	Composite
3	✓	-ECC-AG-Concrete-03	X	2/6/13	10:40	Composite
4	✓	-ECC-AG-Concrete-04	X	2/6/13	10:45	Composite
5	✓	-ECC-AG-Soil-05	X	2/6/13	10:50	Composite
6	✓	-ECC-AG-Soil-06	X	2/6/13	10:55	Composite
7	✓	-ECC-AG-Soil-07	X	2/6/13	11:00	Composite
8	✓	-ECC-AG-Soil-08	X	2/6/13	11:05	Composite
9	✓	-ECC-AG-Soil-09	X	2/6/13	11:10	Composite
10	✓	-ECC-AG-Soil-10	X	2/6/13	11:15	Composite

Transfer Number	Relinquished By	Accepted By	Date	Time
1	J. Blum	F to Fridge	2/13/13	9:10
2	F to Fridge	J Blum	2/22/13	11:03
3	J Blum	Kyle G.	2/22/13	11:03
4	Kyle G.	J Blum	2/22/13	11:03

Charge Exceptions: CT Tax Exempt QA/QC Other
 Duplicates Blanks (Item Nos:)
 Reporting and Detection Limit Requirements: RCP Deliverables MCP CAM Cert.
 Composite AG samples < 0.5 ppm
 Additional Comments: Composite ECC-AG-concrete-01 to 02 / ~~ECC-AG-concrete-03 to 04~~
 ECC-AG-concrete-03 to 04 / ECC-AG-Soil-05 to 06 / ECC-AG-Soil-07 to 08
 ECC-AG-Soil-09 to 10



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

16:50
15:47

Laboratory Data

SDG ID: GBD38888
Phoenix ID: BD38888

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EEC-AG-ASPH-01-02 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.16	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.16	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.16	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.16	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.16	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	ND	0.16	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.16	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.16	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.16	mg/kg	02/25/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	33		%	02/25/13	AW	30 - 150 %
% TCMX	34		%	02/25/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

10:05
15:47

Laboratory Data

SDG ID: GBD38888
Phoenix ID: BD38889

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EEC-AG-SOIL-03-04 COMP

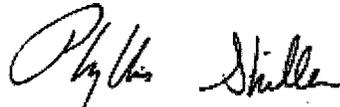
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	76		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.22	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.22	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.22	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.22	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.22	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	0.41	0.22	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.22	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.22	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.22	mg/kg	02/25/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	74		%	02/25/13	AW	30 - 150 %
% TCMX	75		%	02/25/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/07/13
 02/22/13

Time

10:15
 15:47

Laboratory Data

SDG ID: GBD38888
 Phoenix ID: BD38890

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-EEC-AG-SOIL-05-06 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	80		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	0.34	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	67		%	02/26/13	AW	30 - 150 %
% TCMX	69		%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EEC-AG-SOIL-05-06 COMP

Phoenix I.D.: BD38890

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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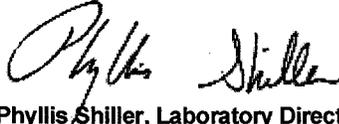
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

10:25
15:47

Laboratory Data

SDG ID: GBD38888
Phoenix ID: BD38891

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-EEC-AG-SOIL-07-08 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.2	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/25/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	68		%	02/25/13	AW	30 - 150 %
% TCMX	62		%	02/25/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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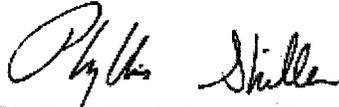
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

February 28, 2013

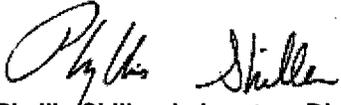
QA/QC Data

SDG I.D.: GBD38888

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 221907, QC Sample No: BD38890 (BD38888, BD38889, BD38890, BD38891)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	78			80	76	5.1	40-140	30
PCB-1221	ND							40-140	30
PCB-1232	ND							40-140	30
PCB-1242	ND							40-140	30
PCB-1248	ND							40-140	30
PCB-1254	ND							40-140	30
PCB-1260	ND	75			85	84	1.2	40-140	30
PCB-1262	ND							40-140	30
PCB-1268	ND							40-140	30
% DCBP (Surrogate Rec)	82	85			81	77	5.1	30-150	30
% TCMX (Surrogate Rec)	67	74			79	77	2.6	30-150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


 Phyllis Shiller, Laboratory Director
 February 28, 2013

Thursday, February 28, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBD38888 - FOPCBTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----	----------	----------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG I.D.: GBD38888

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd24 02/25/13-1 (BD38888, BD38889)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/25/2013

Instrument: Au-ecd5 02/25/13-1 (BD38891)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/25/2013

Instrument: Au-ecd7 02/26/13-1 (BD38890)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/26/2013



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG I.D.: GBD38888

QC (Site Specific)

———— Sample No: BD38890, QA/QC Batch: 221907 —————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



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- 146 Hartford Road, Manchester, CT 06040
- 56 Quarry Road, Trumbull, CT 06611
- 1419 Richland Street, Columbia, SC 29201
- 78 Interstate Drive, West Springfield, MA 01089

- 50 Redfield Street, Suite 100, Boston, MA 02122
- 275 Promenade Street, Suite 350, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

Composites

CHAIN-OF-CUSTODY RECORD 26015

PROJECT NAME: *Central Highschool Bridgeport, CT*

REPORT TO: *Kevin McCarthy / Karen Redfield*

INVOICE TO:

P.O. NO.: *20110793.A2P*

Sampler's Signature: *[Signature]* Date: *2/13/13*

Source Codes: MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Scudiment A=Air

X=Other *adjacent gravel surfaces (soil, asphalt)*

PROJECT NUMBER: *20110793.A2P*

Analysis Request

LABORATORY: *Phoenix*

Containers

Item No.	Transfer Check	Sample Number	Source Code	Date Sampled	Time Sampled	Soil VOA Vial [] methanol	Glass Soil Container () water [] Na2SO4	Other: Water VOA Vial [] As is [] HCl	Glass Amber ()	Plastic - As is [] 250 ml [] 500 ml [] 1000 ml	Plastic - H2SO4 [] 250 ml [] 500 ml	Plastic - HNO3 [] 250 ml [] 500 ml	Plastic - NaOH, 250 ml	Comments
1	✓	201302061203	X	2/6/13	4:50									Composite
2	✓	-EEC-AG-asph-01	X	2/6/13	4:58									Composite
3	✓	-EEC-AG-asph-02	X	2/7/13	10:00									Composite
4	✓	-EEC-AG-soil-03	X	2/7/13	10:05									Composite
5	✓	-EEC-AG-soil-04	X	2/7/13	10:10									Composite
6	✓	-EEC-AG-soil-05	X	2/7/13	10:15									Composite
7	✓	-EEC-AG-soil-06	X	2/7/13	10:20									Composite
8	✓	-EEC-AG-soil-08	X	2/7/13	10:25									Composite

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	J Blum	F to Fridge	2/13/13	10:25	COMPOSITE TO SAMPLES < 0.5 PPM
2	F to Fridge	S Blum	2/22/13	11:05	Additional Comments: Composite samples: EEC-AG-asph-01 to 02 / asph-03 to 04 / asph-05 to 06 / asph-07 to 08
3	S Blum	Kay Webb	2/22/13	11:05	
4		[Signature]	2/22/13	11:10	



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/06/13 11:25
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38985
 Phoenix ID: BD38995

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-11-12 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	79		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	1.6	0.21	mg/kg	02/27/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	90		%	02/27/13	AW	30 - 150 %
% TCMX	78		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-11-12 COMP

Phoenix I.D.: BD38995

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

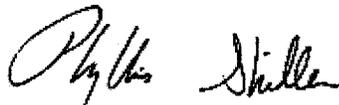
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/06/13
 02/22/13

Time

11:35
 15:47

Laboratory Data

SDG ID: GBD38985
 Phoenix ID: BD38996

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-13-14 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/27/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	*	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	*	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	*	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
Total PCBs	1.8	0.2	mg/kg	02/28/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	85		%	02/28/13	AW	30 - 150 %
% TCMX	84		%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-13-14 COMP

Phoenix I.D.: BD38996

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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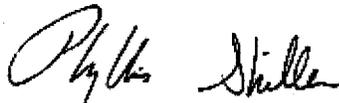
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254 and 1260.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/06/13 11:45
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38985
 Phoenix ID: BD38997

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-15-16 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	1.3	0.2	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	86		%	02/27/13	AW	30 - 150 %
% TCMX	80		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-15-16 COMP

Phoenix I.D.: BD38997

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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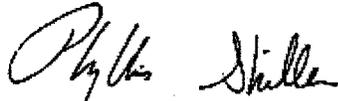
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/06/13 11:55
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38985
 Phoenix ID: BD38998

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-17-18 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	5	1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	96		%	02/27/13	AW	30 - 150 %
% TCMX	94		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-17-18 COMP

Phoenix I.D.: BD38998

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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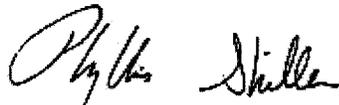
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/06/13 12:05
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38985
 Phoenix ID: BD38999

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-19-20 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	6.5	1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	96		%	02/27/13	AW	30 - 150 %
% TCMX	92		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-19-20 COMP

Phoenix I.D.: BD38999

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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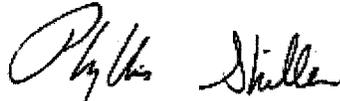
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

March 05, 2013

QA/QC Data

SDG I.D.: GBD38985

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 222094, QC Sample No: BD38987 (BD38985, BD38986, BD38987, BD38988, BD38989, BD38990, BD38991, BD38993, BD38994, BD38995, BD38997, BD38998, BD38999)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	75	78	3.9				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	81	83	2.4				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	101	103	103	0.0				30 - 150	30
% TCMX (Surrogate Rec)	84	82	83	1.2				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QA/QC Batch 222209, QC Sample No: BD38996 (BD38992, BD38996)

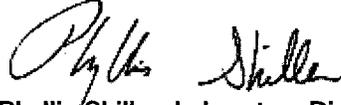
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	83	81	2.4				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	79	79	0.0				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	66	72	70	2.8				30 - 150	30
% TCMX (Surrogate Rec)	73	83	79	4.9				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


 Phyllis Shiller, Laboratory Director
 March 05, 2013

Tuesday, March 05, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBD38985 - FOPCBTR

Sample No	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD38985, BD38986, BD38987, BD38988, BD38989, BD38990, BD38991, BD38992, BD38993, BD38994, BD38995, BD38996, BD38997, BD38998, BD38999

Sampling Date(s): 2/6/2013

RCP Methods Used:

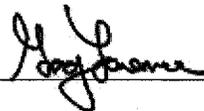
1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____



Date: Tuesday, March 05, 2013

Printed Name: Greg Lawrence

Position: Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 05, 2013

SDG I.D.: GBD38985

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd7 02/27/13-1 (BD38987, BD38988, BD38989, BD38990, BD38991)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/27/2013

Instrument: Au-ecd8 02/27/13-1 (BD38993, BD38994, BD38995, BD38997, BD38998, BD38999)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/27/2013

Instrument: Au-ecd8 02/28/13-1 (BD38985, BD38986, BD38996)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/28/2013

Instrument: Au-ecd8 03/01/13-1 (BD38992)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none



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RCP Certification Report

March 05, 2013

SDG I.D.: GBD38985

Printed Name Adam Werner
Position: Chemist
Date: 3/1/2013

QC Comments: QC Batch 222094 02/26/13 (BD38985, BD38986, BD38987, BD38988, BD38989, BD38990, BD38991, BD38993, BD38994, BD38995, BD38997, BD38998, BD38999)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QC Comments: QC Batch 222209 02/27/13 (BD38992, BD38996)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QC (Site Specific)

———— Sample No: BD38987, QA/QC Batch: 222094 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD38996, QA/QC Batch: 222209 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)

6 mtd

FUSS & O'NEILL
 (860) 646-2469 • www.FandO.com
 146 Hartford Road, Manchester, CT 06040
 56 Quarry Road, Trumbull, CT 06611
 1419 Richland Street, Columbia, SC 29201

78 Interstate Drive, West Springfield, MA 01089
 317 Iron Horse Way, Suite 204, Providence, RI 02908
 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 26983

PROJECT NAME: **Central Highschool**

REPORT TO: **Kevin McCarthy / Karen Redfield**

INVOICE TO:

P.O. No.: **20110793, A2E**

Sampler's Signature: *James Blum* Date: **2/13/13**

Source Codes: MW=Monitoring Well T=Treatment Facility S=Soil B=Sediment
 SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete
 X=Other **adjacent ground surfaces (soil, asphalt, concrete)**

PROJECT NUMBER: **20110793, A2E**

LABORATORY: **Phoenix**

Analysis Request

Containers

Item No.	Transfer Check	Sample Number	Source Code	Date Sampled	Time Sampled	Soil VOA Val. □ methanol □ NaOH	Soil VOA Val. □ water □ NaOH	Other □ NaOH	Other □ NaOH	Water VOA Val. □ As □ HCl	Plastic Amber () ml □ As □ HCl	Plastic - H ₂ SO ₄ □ 250 ml □ As □ H ₂ SO ₄	Plastic - HNO ₃ □ 250 ml □ Filtered □ 0.45μ □ 10μ	Plastic - NaOH □ 250 ml	Comments
11	✓	201302061203	X	2/6/13	11:20										Composite
12	✓	-ECC-AG-Soil-11	X	2/6/13	11:25										Composite
13	✓	-ECC-AG-Soil-12	X	2/6/13	11:30										Composite
14	✓	-ECC-AG-Soil-13	X	2/6/13	11:35										Composite
15	✓	-ECC-AG-Soil-14	X	2/6/13	11:40										Composite
16	✓	-ECC-AG-Soil-15	X	2/6/13	11:45										Composite
17	✓	-ECC-AG-Soil-16	X	2/6/13	11:50										Composite
18	✓	-ECC-AG-Soil-17	X	2/6/13	11:55										Composite
19	✓	-ECC-AG-Soil-18	X	2/6/13	12:00										Composite
20	✓	-ECC-AG-Soil-19	X	2/6/13	12:05										Composite

PTS 3-10-18082

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions: □ CT Tax Exempt □ QA/QC □ Other
1	J. Blum	F + O Fridge	2/13/13	9:10	□ Duplicates □ Blanks (Item Nos:)
2	F + O Fridge	J Blum	2/12/13	11:02	Reporting and Detection Limit Requirements: □ RCP Deliverables □ MCP CAM Cert.
3	J Blum	Ka Leh G.	2/22/13	11:02	Composite Ag Samples (O.S. rpm)
4	Ka Leh G.	J Blum	2/20/13	11:02	Additional Comments: Composite: ECC-AG-Soil-11 to 12 / Soil-13 to 14



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/06/13 12:35
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38985
 Phoenix ID: BD38990

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-21-22 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	79		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	4.3	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	94		%	02/27/13	AW	30 - 150 %
% TCMX	98		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-21-22 COMP

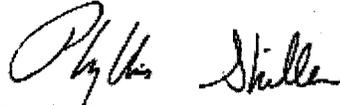
Phoenix I.D.: BD38990

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/06/13 12:15
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38985
 Phoenix ID: BD38991

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-23-24 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	77		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	0.8	0.21	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	87		%	02/27/13	AW	30 - 150 %
% TCMX	83		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-23-24 COMP

Phoenix I.D.: BD38991

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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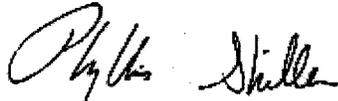
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/06/13 12:55
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38985
 Phoenix ID: BD38992

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-25-26 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/27/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.99	mg/kg	03/01/13	AW	3540C/8082
PCB-1221	ND	0.99	mg/kg	03/01/13	AW	3540C/8082
PCB-1232	ND	0.99	mg/kg	03/01/13	AW	3540C/8082
PCB-1242	ND	0.99	mg/kg	03/01/13	AW	3540C/8082
PCB-1248	6	0.99	mg/kg	03/01/13	AW	3540C/8082
PCB-1254	ND	0.99	mg/kg	03/01/13	AW	3540C/8082
PCB-1260	ND	0.99	mg/kg	03/01/13	AW	3540C/8082
PCB-1262	ND	0.99	mg/kg	03/01/13	AW	3540C/8082
PCB-1268	ND	0.99	mg/kg	03/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82		%	03/01/13	AW	30 - 150 %
% TCMX	71		%	03/01/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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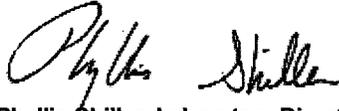
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/06/13
 02/22/13

Time

13:05
 15:47

Laboratory Data

SDG ID: GBD38985
 Phoenix ID: BD38993

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-27-28 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	5.6	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	99		%	02/27/13	AW	30 - 150 %
% TCMX	98		%	02/27/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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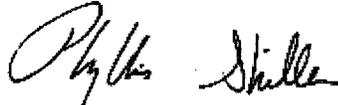
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/06/13
 02/22/13

Time

13:15
 15:47

Laboratory Data

SDG ID: GBD38985
 Phoenix ID: BD38994

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-29-30 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	80		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	2.6	0.2	mg/kg	02/27/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	90		%	02/27/13	AW	30 - 150 %
% TCMX	85		%	02/27/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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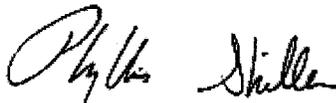
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclors of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/06/13
 02/22/13

Time

13:20
 15:47

Laboratory Data

SDG ID: GBD38985
 Phoenix ID: BD38985

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-31-32 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	80		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	7	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	92		%	02/28/13	AW	30 - 150 %
% TCMX	109		%	02/28/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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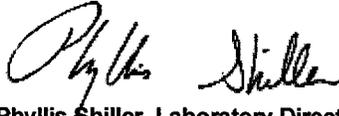
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/06/13
 02/22/13

Time

13:35
 15:47

Laboratory Data

SDG ID: GBD38985
 Phoenix ID: BD38986

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-33-34 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	2	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	2	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	2	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	2	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	7.2	2	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	2	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	2	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	2	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	2	mg/kg	02/28/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	Diluted Out		%	02/28/13	AW	30 - 150 %
% TCMX	Diluted Out		%	02/28/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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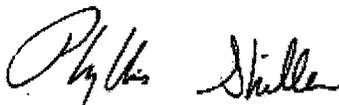
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/06/13 13:45
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38985
 Phoenix ID: BD38987

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-35-36 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	1.7	0.2	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	92		%	02/27/13	AW	30 - 150 %
% TCMX	88		%	02/27/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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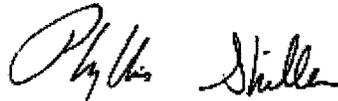
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclors of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time

02/06/13 13:55
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38985
 Phoenix ID: BD38988

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-37-38 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.98	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.98	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.98	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.98	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	6.1	0.98	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.98	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.98	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.98	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.98	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	94		%	02/27/13	AW	30 - 150 %
% TCMX	95		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-37-38 COMP

Phoenix I.D.: BD38988

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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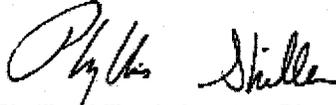
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/06/13 14:05
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38985
 Phoenix ID: BD38989

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-39-40 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	80		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	6.5	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

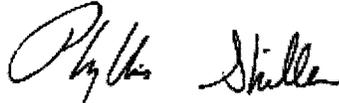
% DCBP	89		%	02/27/13	AW	30 - 150 %
% TCMX	96		%	02/27/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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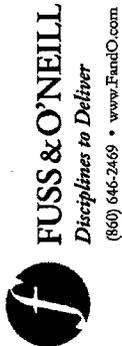


Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President

6 MCL



- 146 Hartford Road, Manchester, CT 06040
- 56 Quarry Road, Trumbull, CT 06611
- 7419 Richland Street, Columbia, SC 29201
- 78 Interstate Drive, West Springfield, MA 01089
- 50 Redfield Street, Suite 100, Boston, MA 02122
- 275 Promenade Street, Suite 350, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 26006

PROJECT NAME: Central High School Bridgeport CT PROJECT LOCATION: Bridgeport CT PROJECT NUMBER: 20110793.AAE LABORATORY: Phoenix

REPORT TO: Kenn McCarthy/Karron Redfield ANALYSIS REQUEST: PCRS 33106/3087

INVOICE TO: 20110793.AAE

Sampler's Signature: Jane Blum Date: 2/10/13

Source Codes: MW=Monitoring Well PW=Potable Water S=Soil W=Waste SW=Surface Water T=Treatment Facility B=Sediment R=Air X=Other Adjacent gravel surfaces (soil, asphalt, concrete)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Containers								
	1	2	3	4					Soil VOA Vial [] methanol	Glass Soil Container [] water	Other [] Na2SO4	Water VOA Vial [] As [] H3O2	Glass Amber [] As [] H3O2	Plastic - As [] [] H3O2	Plastic - H3O2 [] 250 ml [] 500 ml [] 1000 ml	Plastic - HNO3 [] 250 ml [] 500 ml [] 1000 ml	Plastic - NaOH [] 250 ml [] 500 ml [] 1000 ml
31	✓	✓	✓	✓	- ECC-AG-Soil-31	X	2/6/13	1:20	1								Composite
32	✓	✓	✓	✓	- ECC-AG-Soil-32	X	2/6/13	1:25	1								Composite
33	✓	✓	✓	✓	- ECC-AG-Soil-33	X	2/6/13	1:30	1								Composite
34	✓	✓	✓	✓	- ECC-AG-Soil-34	X	2/6/13	1:35	1								Composite
35	✓	✓	✓	✓	- ECC-AG-Soil-35	X	2/6/13	1:40	1								Composite
36	✓	✓	✓	✓	- ECC-AG-Soil-36	X	2/6/13	1:45	1								Composite
37	✓	✓	✓	✓	- ECC-AG-Soil-37	X	2/6/13	1:50	1								Composite
38	✓	✓	✓	✓	- ECC-AG-Soil-38	X	2/6/13	1:55	1								Composite
39	✓	✓	✓	✓	- ECC-AG-Soil-39	X	2/6/13	2:00	1								Composite
40	✓	✓	✓	✓	- ECC-AG-Soil-40	X	2/6/13	2:05	1								Composite

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	J Blum	F O Fridge	2/13/13	9:20	Composite at samples < 0.5 ppm
2	F O Fridge	J Blum	2/22/13	11:00	Additional Comments: Composite samples: ECC-AG-Soil-31 to 32 / Soil-33 to 34 / Soil-35 to 36 / Soil-37 to 38 / Soil-39 to 40
3	J Blum	Kate G.	2/22/13	11:00	
4	Kate G.	J Blum	2/22/13	11:00	



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

Time

02/06/13 14:15
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38892
 Phoenix ID: BD38892

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-41-42 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	79		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	8.2	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	88		%	02/26/13	AW	30 - 150 %
% TCMX	88		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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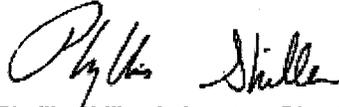
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

Time

02/06/13 14:25
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38892
 Phoenix ID: BD38893

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-43-44 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.38	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	1.4	0.38	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	75		%	02/26/13	AW	30 - 150 %
% TCMX	59		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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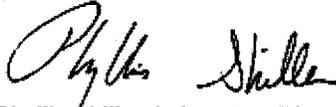
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

Time

02/06/13 14:35
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38892
 Phoenix ID: BD38894

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-45-46 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	1	mg/kg	03/01/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	03/01/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	03/01/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	03/01/13	AW	3540C/8082
PCB-1248	7.7	1	mg/kg	03/01/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	03/01/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	03/01/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	03/01/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	03/01/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	136		%	03/01/13	AW	30 - 150 %
% TCMX	114		%	03/01/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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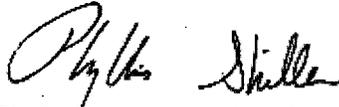
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/06/13
 02/22/13

Time

14:45
 15:47

Laboratory Data

SDG ID: GBD38892
 Phoenix ID: BD38895

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-47-48 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.4	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	3.1	0.4	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	74		%	02/26/13	AW	30 - 150 %
% TCMX	70		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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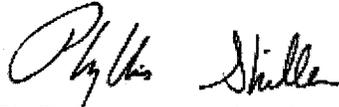
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/06/13
 02/22/13

Time

14:50
 15:47

Laboratory Data

SDG ID: GBD38892
 Phoenix ID: BD38896

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-49

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	BB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.4	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	02/25/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	73		%	02/25/13	AW	30 - 150 %
% TCMX	40		%	02/25/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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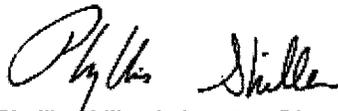
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

March 05, 2013

QA/QC Data

SDG I.D.: GBD38892

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 221907, QC Sample No: BD38890 (BD38892, BD38893, BD38894, BD38895)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	78			80	76	5.1	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	75			85	84	1.2	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	82	85			81	77	5.1	30 - 150	30
% TCMX (Surrogate Rec)	67	74			79	77	2.6	30 - 150	30
QA/QC Batch 221908, QC Sample No: BD38896 (BD38896)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	83	83	0.0	78	85	8.6	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	85	84	1.2	86	92	6.7	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	85	87	87	0.0	77	81	5.1	30 - 150	30
% TCMX (Surrogate Rec)	74	78	79	1.3	77	80	3.8	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

Phyllis Shiller
 Phyllis Shiller, Laboratory Director
 March 05, 2013

Tuesday, March 05, 2013

Sample Criteria Exceedences Report

Page 1 of 1

Requested Criteria: None

State: CT

GBD38892 - FOPCBTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD38892, BD38893, BD38894, BD38895, BD38896

Sampling Date(s): 2/6/2013

RCP Methods Used:

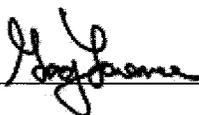
- 1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____



Date: Tuesday, March 05, 2013

Printed Name: Greg Lawrence

Position: Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 05, 2013

SDG LD.: GBD38892

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 02/26/13-1 (BD38892)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/26/2013

Instrument: Au-ecd6 02/25/13-1 (BD38896)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/25/2013

Instrument: Au-ecd7 02/26/13-1 (BD38893, BD38895)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/26/2013

Instrument: Au-ecd8 03/01/13-1 (BD38894)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none



Environmental Laboratories, Inc.
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RCP Certification Report

March 05, 2013

SDG LD.: GBD38892

Printed Name Adam Werner
Position: Chemist
Date: 3/1/2013

QC (Site Specific)

———— Sample No: BD38896, QA/QC Batch: 221908 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

———— Sample No: BD38890, QA/QC Batch: 221907 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

Temperature Narration

The samples in this delivery group were received at 6°C.

(Note acceptance criteria is above freezing up to 6°C)



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- 66 Quarry Road, Trumbull, CT 06611
- 1419 Richland Street, Columbia, SC 29201
- 78 Interstate Drive, West Springfield, MA 01089

- 50 Redfield Street, Suite 100, Boston, MA 02122
- 275 Promenade Street, Suite 350, Providence, RI 02908
- 80 Washington Street, Suite 301, Foughkeepste, NY 12601

CHAIN-OF-CUSTODY RECORD 26005

PROJECT NAME

PROJECT LOCATION

PROJECT NUMBER

LABORATORY

Central High School Bridgeport, CT
REPORT TO: Kevin McCarthy / Kerman Redfield

20110793.A2E

Phoenix

INVOICE TO:

Analysis Request

Containers

P.O. No.: 20110793.A2E

Sampler's Signature: *Gene 1/13* Date: 2/13/13

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other *Adjacent Ground Surface (Soil) asphalt concrete*

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Comments
	1	2	3	4					
41	✓	✓	✓	✓	201302061203 -ECC-AG-Soil-41	X	2/6/13	2:10	Plastic - NaOH, 250 ml Plastic - HNO ₃ , 250 ml [Filtered] [Unfiltered]
42	✓	✓	✓	✓	-ECC-AG-Soil-42	X	2/6/13	2:15	Plastic - As Is, [] 250 ml [] 500 ml [] 1000 ml Plastic - H ₂ SO ₄ , [] 250 ml [] 500 ml [] 1000 ml
43	✓	✓	✓	✓	-ECC-AG-Soil-43	X	2/6/13	2:20	Plastic - As Is, [] 250 ml [] 500 ml [] 1000 ml Plastic - H ₂ SO ₄ , [] 250 ml [] 500 ml [] 1000 ml
44	✓	✓	✓	✓	-ECC-AG-Soil-44	X	2/6/13	2:25	Plastic - As Is, [] 250 ml [] 500 ml [] 1000 ml Plastic - H ₂ SO ₄ , [] 250 ml [] 500 ml [] 1000 ml
45	✓	✓	✓	✓	-ECC-AG-Soil-45	X	2/6/13	2:30	Plastic - As Is, [] 250 ml [] 500 ml [] 1000 ml Plastic - H ₂ SO ₄ , [] 250 ml [] 500 ml [] 1000 ml
46	✓	✓	✓	✓	-ECC-AG-Soil-46	X	2/6/13	2:35	Plastic - As Is, [] 250 ml [] 500 ml [] 1000 ml Plastic - H ₂ SO ₄ , [] 250 ml [] 500 ml [] 1000 ml
47	✓	✓	✓	✓	-ECC-AG-Soil-47	X	2/6/13	2:40	Plastic - As Is, [] 250 ml [] 500 ml [] 1000 ml Plastic - H ₂ SO ₄ , [] 250 ml [] 500 ml [] 1000 ml
48	✓	✓	✓	✓	-ECC-AG-Soil-48	X	2/6/13	2:45	Plastic - As Is, [] 250 ml [] 500 ml [] 1000 ml Plastic - H ₂ SO ₄ , [] 250 ml [] 500 ml [] 1000 ml
49	✓	✓	✓	✓	-ECC-AG-Soil-49	X	2/6/13	2:50	Plastic - As Is, [] 250 ml [] 500 ml [] 1000 ml Plastic - H ₂ SO ₄ , [] 250 ml [] 500 ml [] 1000 ml

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	J. Blun	F + O Fridge	2/13/13	9:25	Composite AG samples < 0.5 ppm / discrete sample < 1.0 ppm
2	F + O Fridge	J Blun	2/22/13	10:57	Additional Comments: Composite Samples: ECC-AG-Soil-41 to 42 / Soil-43 to 44 / Soil-45 to 46 / Soil-47 to 48
3	J Blun	Kaleb G	2/22/13	10:57	
4	Kaleb G.	J Blun	2/22/13	10:57	

Gene

PKS 23106/889



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

Time

02/06/13 14:55
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38907
 Phoenix ID: BD38907

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-CONCRETE-50-51 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	96		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	BB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	74		%	02/25/13	AW	30 - 150 %
% TCMX	37		%	02/25/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/06/13
 02/22/13

Time

15:10
 15:47

Laboratory Data

SDG ID: GBD38907
 Phoenix ID: BD38908

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-CONCRETE-52-53 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	BB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	76		%	02/25/13	AW	30 - 150 %
% TCMX	41		%	02/25/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
-----------	--------	------------	-------	-----------	----	-----------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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February 28, 2013

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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/06/13
 02/22/13

Time

15:20
 15:47

Laboratory Data

SDG ID: GBD38907
 Phoenix ID: BD38909

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-CONCRETE-54-55 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	96		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	BB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	74		%	02/25/13	AW	30 - 150 %
% TCMX	44		%	02/25/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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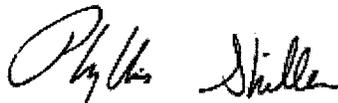
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

15:30
15:47

Laboratory Data

SDG ID: GBD38907
Phoenix ID: BD38910

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-CONCRETE-56-57 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	BB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	79		%	02/25/13	AW	30 - 150 %
% TCMX	46		%	02/25/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-CONCRETE-56-57 COMP

Phoenix I.D.: BD38910

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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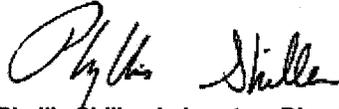
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/06/13 15:35
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38907
 Phoenix ID: BD38911

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-CONCRETE-58

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	96		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	77		%	02/26/13	AW	30 - 150 %
% TCMX	68		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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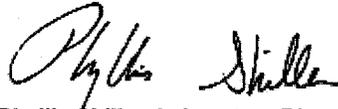
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

February 28, 2013

QA/QC Data

SDG I.D.: GBD38907

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 221908, QC Sample No: BD38896 (BD38907, BD38908, BD38909, BD38910)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	83	83	0.0	78	85	8.6	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	85	84	1.2	86	92	6.7	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	85	87	87	0.0	77	81	5.1	30 - 150	30
% TCMX (Surrogate Rec)	74	78	79	1.3	77	80	3.8	30 - 150	30

QA/QC Batch 222006, QC Sample No: BD38922 (BD38911)

Polychlorinated Biphenyls - Solid

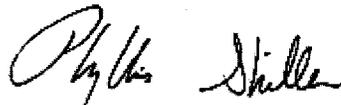
PCB-1016	ND	80	84	4.9				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	78	80	2.5				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	70	72	77	6.7				30 - 150	30
% TCMX (Surrogate Rec)	75	78	83	6.2				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


 Phyllis Shiller, Laboratory Director
 February 28, 2013

Thursday, February 28, 2013

Page 1 of 1

Sample Criteria Exceedences Report

Requested Criteria: None

GBD38907 - FOPCBTR

State: CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD38907, BD38908, BD38909, BD38910, BD38911

Sampling Date(s): 2/6/2013

RCP Methods Used:

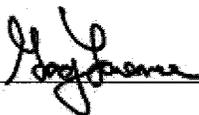
1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:



Date: Thursday, February 28, 2013

Printed Name: Greg Lawrence

Position: Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG I.D.: GBD38907

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 02/26/13-1 (BD38911)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/26/2013

Instrument: Au-ecd6 02/25/13-1 (BD38907, BD38908, BD38909, BD38910)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/25/2013

QC Comments: QC Batch 222006 02/25/13 (BD38911)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QC (Batch Specific)

———— Sample No: BD38896, QA/QC Batch: 221908 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD38922, QA/QC Batch: 222006 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG LD.: GBD38907

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)

601212

- 50 Redfield Street, Suite 100, Boston, MA 02122
- 275 Promenade Street, Suite 350, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

- 146 Hartford Road, Manchester, CT 06040
- 56 Quarry Road, Trumbull, CT 06611
- 149 Richard Street, Columbia, SC 29201
- 78 Interstate Drive, West-Springfield, MA 01089

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CHAIN-OF-CUSTODY RECORD 26004

PROJECT NAME: Central High School PROJECT LOCATION: Bridgesbury CT PROJECT NUMBER: 20110793-AZF LABORATORY: Phoenix

REPORT TO: Kevin McCarthy / Karon Redfield Analysis Request

INVOICE TO: Kevin McCarthy / Karon Redfield

P.O. NO.: 20110793-AZF

Sampler's Signature: [Signature] Date: 2/13/13

Source Codes: MW=Monitoring Well PW=Potable Water S=Soil W=Waste
 SW=Surface Water T=Treatment Facility B=Sediment A=Air

X=Other Adjacent Grand Surfaces / Soil, asphalt, concrete

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Comments
	1	2	3	4					
50	✓	✓	✓	✓	-ECC-AG-CONCRETE-50	X	2/6/13	2:55	Composite
51	✓	✓	✓	✓	-ECC-AG-CONCRETE-51	X	2/6/13	3:00	Composite
52	✓	✓	✓	✓	-ECC-AG-CONCRETE-52	X	2/6/13	3:05	Composite
53	✓	✓	✓	✓	-ECC-AG-CONCRETE-53	X	2/6/13	3:10	Composite
54	✓	✓	✓	✓	-ECC-AG-CONCRETE-54	X	2/6/13	3:15	Composite
55	✓	✓	✓	✓	-ECC-AG-CONCRETE-55	X	2/6/13	3:20	Composite
56	✓	✓	✓	✓	-ECC-AG-CONCRETE-56	X	2/6/13	3:25	Composite
57	✓	✓	✓	✓	-ECC-AG-CONCRETE-57	X	2/6/13	3:30	Composite
58	✓	✓	✓	✓	-ECC-AG-CONCRETE-58	X	2/6/13	3:35	Discrete

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	J. Blum	F + O Fridge	2/13/13	9:25	Composite AG samples < 0.5 ppm / Discrete < 1.0 ppm
2	F + O Fridge	J. Blum	2/22/13	10:58	Additional Comments: Composite: ECC-AG-concrete-50-51 / concrete-52-53 / concrete-54-55 / concrete-56-57 / *
3	J. Blum	Kaleb G.	2/22/13	10:58	
4	Kaleb G.	Kaleb G.	2/22/13	10:58	

SOIL YOA VAL [Inchrol] [NaOH]
 GLASS SOIL CONTAINER (oz)
 OTHER: [NaOH]
 WATER YOA VAL [As is] [HCl]
 GLASS AMBER () oz
 PLASTIC - AS IS, [250 ml] [500 ml] [1000 ml]
 PLASTIC - HNO₃, [250 ml] [500 ml] [1000 ml] [Filtered] [Unfiltered]
 PLASTIC - NaOH, 250 ml
 COMMENTS: Composite



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/07/13 15:45
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38975
 Phoenix ID: BD38980

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG-SOIL-59-60

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	83		%	02/27/13	AW	30 - 150 %
% TCMX	81		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL-59-60

Phoenix I.D.: BD38980

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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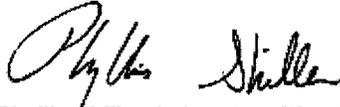
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/07/13 15:55
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38975
 Phoenix ID: BD38981

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG-SOIL-61-62

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	80		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	77		%	02/27/13	AW	30 - 150 %
% TCMX	77		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL-61-62

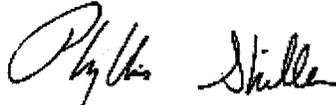
Phoenix I.D.: BD38981

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
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Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/07/13 16:05
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38975
 Phoenix ID: BD38982

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG-SOIL-63-64

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	0.26	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	66		%	02/27/13	AW	30 - 150 %
% TCMX	88		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL-63-64

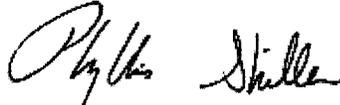
Phoenix I.D.: BD38982

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/07/13 16:15
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38975
 Phoenix ID: BD38983

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG-SOIL-65-66

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	72		%	02/27/13	AW	30 - 150 %
% TCMX	65		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL-65-66

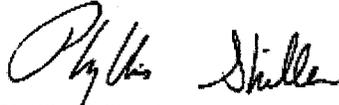
Phoenix I.D.: BD38983

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/07/13 16:20
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38975
 Phoenix ID: BD38984

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG-SOIL-67

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.39	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.39	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	75		%	02/27/13	AW	30 - 150 %
% TCMX	72		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL-67

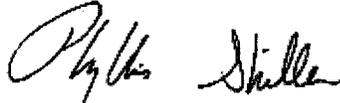
Phoenix I.D.: BD38984

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

March 01, 2013

QA/QC Data

SDG I.D.: GBD38975

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 222035, QC Sample No: BD38966 (BD38975, BD38976, BD38977, BD38978, BD38979, BD38980, BD38981)									
Polychlorinated Biphenyls - Solid, Soil									
PCB-1016	ND	79	80	1.3				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	80	82	2.5				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	72	70	73	4.2				30 - 150	30
% TCMX (Surrogate Rec)	73	70	74	5.6				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QA/QC Batch 222094, QC Sample No: BD38987 (BD38982, BD38983, BD38984)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	75	78	3.9				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	81	83	2.4				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	101	103	103	0.0				30 - 150	30
% TCMX (Surrogate Rec)	84	82	83	1.2				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

Phyllis Shiller
 Phyllis Shiller, Laboratory Director
 March 01, 2013

Friday, March 01, 2013

Sample Criteria Exceedences Report

Requested Criteria: None

GBD38975 - FOPCBTR

State: CT

Sample No	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD38975, BD38976, BD38977, BD38978, BD38979, BD38980, BD38981, BD38982, BD38983, BD38984

Sampling Date(s): 2/7/2013

RCP Methods Used:

1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

R. Makol

Date: Friday, March 01, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 01, 2013

SDG I.D.: GBD38975

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd6 02/27/13-1 (BD38975, BD38976, BD38977, BD38978, BD38979, BD38982)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/27/2013

Instrument: Au-ecd7 02/27/13-1 (BD38983, BD38984)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/27/2013

QC Comments: QC Batch 222035 02/25/13 (BD38975, BD38976, BD38977, BD38978, BD38979, BD38980, BD38981)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QC Comments: QC Batch 222094 02/26/13 (BD38982, BD38983, BD38984)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 01, 2013

SDG I.D.: GBD38975

QC (Batch Specific)

———— Sample No: BD38966, QA/QC Batch: 222035 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD38987, QA/QC Batch: 222094 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

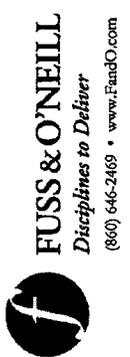
All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 6C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)

60 mcl



- 146 Hartford Road, Manchester, CT 06040
- 36 Quarry Road, Trumbull, CT 06611
- 1419 Richland Street, Columbia, SC 29201
- 78 Interstate Drive, West Springfield, MA 01089

- 50 Redfield Street, Suite 100, Boston, MA 02122
- 275 Promenade Street, Suite 350, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 26002

PROJECT NAME: Central High School Bridge Port CT
 PROJECT LOCATION: Bridge Port CT
 PROJECT NUMBER: 20110793-AZE
 LABORATORY: Phoenix
 REPORT TO: Kevin McCarthy / Karon Redfield
 ANALYSIS REQUEST: PCBs 35100/35102
 INVOICE TO: 20110793-AZE
 P.O. NO.: 20110793-AZE
 Sampler's Signature: James Blum Date: 2/13/13

Source Codes: MW=Monitoring Well PW=Potable Water S=Soil W=Waste
 SW=Surface Water T=Treatment Facility B=Sediment A=Air
 X=Other Adjacent ground surfaces (soil, asphalt, concrete)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Comments
	1	2	3	4					
59	✓	✓	✓	✓	-ECC-AG-Soil-59	X	2/6/13	3:40	Composite
60	✓	✓	✓	✓	-ECC-AG-Soil-60	X	2/6/13	3:45	Composite
61	✓	✓	✓	✓	-ECC-AG-Soil-61	X	2/6/13	3:50	Composite
62	✓	✓	✓	✓	-ECC-AG-Soil-62	X	2/6/13	3:55	Composite
63	✓	✓	✓	✓	-ECC-AG-Soil-63	X	2/6/13	4:00	Composite
64	✓	✓	✓	✓	-ECC-AG-Soil-64	X	2/6/13	4:05	Composite
65	✓	✓	✓	✓	-ECC-AG-Soil-65	X	2/6/13	4:10	Composite
66	✓	✓	✓	✓	-ECC-AG-Soil-66	X	2/6/13	4:15	Composite
67	✓	✓	✓	✓	-ECC-AG-Soil-67	X	2/6/13	4:20	Discrete

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	J. Blum	F + O Fridge	2/13/13	9:25	Composite AG - Samples < 0.5 ppm / Discrete < 1 ppm
2	F + O Fridge	J Blum	2/22/13	11:58	Additional Comments: Composite: ECC-AG-Sol-54 to 60 / 60:1.61 to 62 / soil 63 to 64
3	J Blum	Karleb G.	2/22/13	10:58	soil 65 to 66
4	Karleb G.	J Blum	2/22/13	15:57	



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

16:30
15:47

Laboratory Data

SDG ID: GBD38912
Phoenix ID: BD38912

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-68-69

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.16	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	81		%	02/27/13	AW	30 - 150 %
% TCMX	72		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-68-69

Phoenix I.D.: BD38912

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date

02/06/13
 02/22/13

Time

16:35
 15:47

Laboratory Data

SDG ID: GBD38912
 Phoenix ID: BD38913

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG-ASPH-70-71

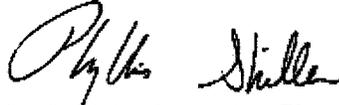
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	86		%	02/27/13	AW	30 - 150 %
% TCMX	77		%	02/27/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date

02/06/13
 02/22/13

Time

16:50
 15:47

Laboratory Data

SDG ID: GBD38912
 Phoenix ID: BD38914

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG-ASPH-72-73

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	78		%	02/27/13	AW	30 - 150 %
% TCMX	68		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-72-73

Phoenix I.D.: BD38914

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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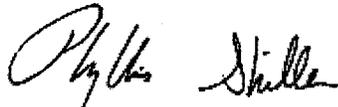
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date

02/06/13
 02/22/13

Time

9:05
 15:47

Laboratory Data

SDG ID: GBD38912
 Phoenix ID: BD38915

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG-ASPH-74-75

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	77		%	02/27/13	AW	30 - 150 %
% TCMX	72		%	02/27/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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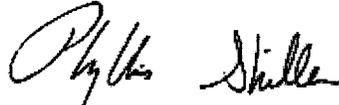
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date

02/06/13
 02/22/13

Time

9:10
 15:47

Laboratory Data

SDG ID: GBD38912
 Phoenix ID: BD38916

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG-CONCRETE 76

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	75		%	02/27/13	AW	30 - 150 %
% TCMX	68		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-CONCRETE 76

Phoenix I.D.: BD38916

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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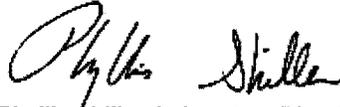
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager

6/2/13

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- 78 Interstate Drive, West Springfield, MA 01089

- 50 Redfield Street, Suite 100, Boston, MA 02122
- 275 Promenade Street, Suite 350, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 26001

PROJECT NAME: Central High School / Karon Redfield PROJECT LOCATION: Bridgeport, CT PROJECT NUMBER: 20110793.A2E LABORATORY: Phoenix

REPORT TO: Kevin McCarthy / Karon Redfield Analysis Request

INVOICE TO:

P.O. No.: 20110793.A2E

Sampler's Signature: [Signature] Date: 2/13/13

Source Codes: MW=Monitoring Well PW=Potable Water S=Soil W=Waste
 SW=Surface Water T=Treatment Facility B=Sediment A=Air

X=Other Adjacent gravel surfaces (soil, asphalt, concrete)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Comments
	1	2	3	4					
68	✓	✓	✓	✓	201302061203	X	2/6/13	4:25	Composite
69	✓	✓	✓	✓	-ECC-AG-Asph-68	X	2/6/13	4:30	Composite
70	✓	✓	✓	✓	-ECC-AG-Asph-69	X	2/6/13	4:35	Composite
71	✓	✓	✓	✓	-ECC-AG-Asph-70	X	2/6/13	4:40	Composite
72	✓	✓	✓	✓	-ECC-AG-Asph-71	X	2/6/13	4:45	Composite
73	✓	✓	✓	✓	-ECC-AG-Asph-72	X	2/6/13	4:50	Composite
74	✓	✓	✓	✓	-ECC-AG-Asph-73	X	2/7/13	9:00am	Composite
75	✓	✓	✓	✓	-ECC-AG-Asph-74	X	2/7/13	9:05	Composite
76	✓	✓	✓	✓	-ECC-AG-Concrete-76	X	2/7/13	9:10	discrete

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	J. Blum	F to Fridge	2/13/13	9:30	Composite samples < 0.5 ppm / Discrete < 1 ppm
2	F to Fridge	S Blm	2/22/13	10:57	Additional Comments: ECC-AG-Asph-68+69/Asph-70+71/Asph-72-73/Asph-74+75
3	J Blum	Kayleb G.	2/22/13	10:57	
4	Kayleb G.	[Signature]	2/22/13	10:57	



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/07/13 9:15
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38975
 Phoenix ID: BD38975

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG-ASPH-77-78

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	95		%	02/27/13	AW	30 - 150 %
% TCMX	77		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-77-78

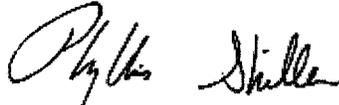
Phoenix I.D.: BD38975

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

9:30
15:47

Laboratory Data

SDG ID: GBD38975
Phoenix ID: BD38976

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-79-80

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	0.43	0.16	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	73		%	02/27/13	AW	30 - 150 %
% TCMX	88		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-79-80

Phoenix I.D.: BD38976

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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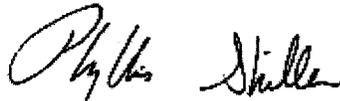
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

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Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/07/13 9:40
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38975
 Phoenix ID: BD38977

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG-ASPH-81-82

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.16	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.16	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	77		%	02/27/13	AW	30 - 150 %
% TCMX	71		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-81-82

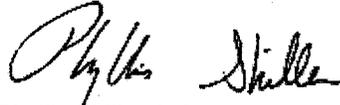
Phoenix I.D.: BD38977

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/07/13 9:50
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38975
 Phoenix ID: BD38978

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG-ASPH-83-84

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	79		%	02/27/13	AW	30 - 150 %
% TCMX	77		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-83-84

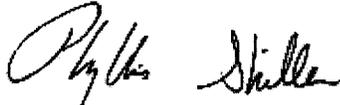
Phoenix I.D.: BD38978

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/07/13 10:00
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38975
 Phoenix ID: BD38979

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG-ASPH-85-86

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	0.29	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	66		%	02/27/13	AW	30 - 150 %
% TCMX	91		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-ASPH-85-86

Phoenix I.D.: BD38979

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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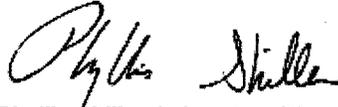
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



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- 146 Hartford Road, Manchester, CT 06040
- 56 Quarry Road, Trumbull, CT 06611
- 1419 Richland Street, Columbia, SC 29201

- 78 Interstate Drive, West Springfield, MA 01089
- 317 Iron Horse Way, Suite 204, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY

6/2/13

CHAIN-OF-CUSTODY RECORD 26999

PROJECT NAME: Central High School / Karon Redfield
 PROJECT LOCATION: Bridgeport, CT
 REPORT TO: Kevin McCarthy / Karon Redfield
 INVOICE TO:

PROJECT NUMBER: 20110793.A2E
 LABORATORY: Phoenix
 Containers:

P.O. NO.: 20110793.A2E
 Sampler's Signature: Jane Blum Date: 2/13/13
 Source Codes: MW=Monitoring Well PW=Potable Water T=Treatment Facility S=Soil B=Sediment
 SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete
 X=Other Adjacent gravel Surfaces: (soil, concrete asphalt)

Other: SOIL VOA Vial, methanol
 SOIL VOA Vial, water
 Glass Soil Container (4oz)
 Other: Na2SO4
 Water VOA Vial, As is
 Glass Amber () ml, As is
 Plastic - As is, 250 ml, As is
 Plastic - H2SO4, 250 ml, 500 ml, 1000 ml
 Plastic - HNO3, 250 ml, 500 ml, 1000 ml
 Plastic - NaOH, 250 ml, 500 ml, 1000 ml

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Comments
	1	2	3	4					
77	✓	✓	✓	✓	-ECC-AG-asph-77	X	2/7/13	9:15	Composite
78	✓	✓	✓	✓	-ECC-AG-asph-78	X	2/7/13	9:20	Composite
79	✓	✓	✓	✓	-ECC-AG-asph-79	X	2/7/13	9:25	Composite
80	✓	✓	✓	✓	-ECC-AG-asph-80	X	2/7/13	9:30	Composite
81	✓	✓	✓	✓	-ECC-AG-asph-81	X	2/7/13	9:35	Composite
82	✓	✓	✓	✓	-ECC-AG-asph-82	X	2/7/13	9:40	Composite
83	✓	✓	✓	✓	-ECC-AG-asph-83	X	2/7/13	9:45	Composite
84	✓	✓	✓	✓	-ECC-AG-asph-84	X	2/7/13	9:50	Composite
85	✓	✓	✓	✓	-ECC-AG-asph-85	X	2/7/13	9:55	Composite
86	✓	✓	✓	✓	-ECC-AG-asph-86	X	2/7/13	10:00	Composite

Analysis Request

PKS 25102 / 26999

Transfer Number	Relinquished By	Accepted By	Date	Time
1	J Blum	F to Fr. dpe	2/13/13	9:35
2	F to Fr. dpe	J Blum	2/22/13	10:54
3	J Blum	Karleb. g.	2/22/13	10:54
4	Karleb. g.	J Blum	2/22/13	10:54

Charge Exceptions: CT Tax Exempt QA/QC Other ()
 Duplicates Blanks (Item Nos:)
 Reporting and Detection Limit Requirements: RCP Deliverables MCP CAM Cert.
 Composite samples L 0.5 PPM
 Additional Comments: Composite: ECC-AG-asph-77 to 79 / asph-79-80 / asph-91 to 82 / asph-83 to 84 / asph-85 to 86



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

10:10
15:47

Laboratory Data

SDG ID: GBD38872
Phoenix ID: BD38872

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-ASPH-87-88 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	0.32	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	76		%	02/26/13	AW	30 - 150 %
% TCMX	76		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/07/13
 02/22/13

Time

10:20
 15:47

Laboratory Data

SDG ID: GBD38872
 Phoenix ID: BD38873

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-ASPH-89-90 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	0.36	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	76		%	02/26/13	AW	30 - 150 %
% TCMX	80		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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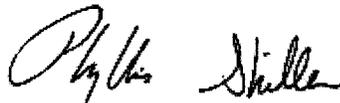
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/07/13
 02/22/13

Time

10:30
 15:47

Laboratory Data

SDG ID: GBD38872
 Phoenix ID: BD38874

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-ASPH-91-92 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	0.27	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	76		%	02/26/13	AW	30 - 150 %
% TCMX	82		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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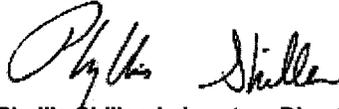
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

Time

02/07/13 10:35
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38872
 Phoenix ID: BD38875

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-ASPH-93&95 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	76		%	02/25/13	AW	30 - 150 %
% TCMX	70		%	02/25/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



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Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/07/13
 02/22/13

Time

10:44
 15:47

Laboratory Data

SDG ID: GBD38872
 Phoenix ID: BD38876

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-ASPH-94&96 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	96		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	69		%	02/25/13	AW	30 - 150 %
% TCMX	77		%	02/25/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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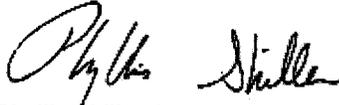
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

February 28, 2013

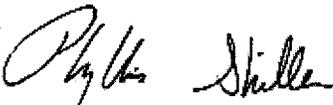
QA/QC Data

SDG I.D.: GBD38872

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 221885, QC Sample No: BD38867 (BD38872, BD38873, BD38874, BD38875)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	55	51	7.5				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	68	70	2.9				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	86	86	83	3.6				30 - 150	30
% TCMX (Surrogate Rec)	68	55	48	13.6				30 - 150	30
QA/QC Batch 221907, QC Sample No: BD38890 (BD38876)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	78			80	76	5.1	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	75			85	84	1.2	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	82	85			81	77	5.1	30 - 150	30
% TCMX (Surrogate Rec)	67	74			79	77	2.6	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


 Phyllis Shiller, Laboratory Director
 February 28, 2013

Thursday, February 28, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBD38872 - FOPCBTR

Sample No	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG LD.: GBD38872

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd6 02/25/13-1 (BD38875, BD38876)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/25/2013

Instrument: Au-ecd7 02/26/13-1 (BD38872, BD38873, BD38874)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/26/2013

QC (Batch Specific)

———— Sample No: BD38867, QA/QC Batch: 221885 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD38890, QA/QC Batch: 221907 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG LD.: GBD38872

60 mg/L



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- 36 Quarry Road, Trumbull, CT 06611
- 1419 Richland Street, Columbia, SC 29201

- 78 Interstate Drive, West Springfield, MA 01089
- 317 Iron Horse Way, Suite 204, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 26998

PROJECT NAME: Central High School Bridgeport CT
 REPORT TO: Kevin McCarthy / Farm Road Field
 INVOICE TO:
 P.O. No.: 20110793.A2E
 Sampler's Signature: [Signature] Date: 2/13/13

PROJECT NUMBER: 20110793.A2E
 LABORATORY: Phoenix

Item No.	Transfer Check	Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request	Containers
87	✓	-ECC-AG-Asph-87	X	2/7/13	10:05	PCBS 3540C / 8282	Plastic - HNO ₃ 250 ml <input type="checkbox"/> Filtered <input type="checkbox"/> 0.45µ <input type="checkbox"/> 10µ
88	✓	-ECC-AG-Asph-88	X	2/7/13	10:10		Plastic - H ₂ SO ₄ 250 ml <input type="checkbox"/> 500 ml <input type="checkbox"/> 1000 ml
89	✓	-ECC-AG-Asph-89	X	2/7/13	10:15		Plastic - As ₂ S ₃ 250 ml <input type="checkbox"/> 500 ml <input type="checkbox"/> 1000 ml
90	✓	-ECC-AG-Asph-90	X	2/7/13	10:20		Plastic - As ₂ S ₃ 250 ml <input type="checkbox"/> 500 ml <input type="checkbox"/> 1000 ml
91	✓	-ECC-AG-Asph-91	X	2/7/13	10:25		Plastic - As ₂ S ₃ 250 ml <input type="checkbox"/> 500 ml <input type="checkbox"/> 1000 ml
92	✓	-ECC-AG-Asph-92	X	2/7/13	10:30		Plastic - As ₂ S ₃ 250 ml <input type="checkbox"/> 500 ml <input type="checkbox"/> 1000 ml
93	✓	-ECC-AG-Asph-93	X	2/7/13	10:35		Plastic - As ₂ S ₃ 250 ml <input type="checkbox"/> 500 ml <input type="checkbox"/> 1000 ml
94	✓	-ECC-AG-Concrete-94	X	2/7/13	10:40		Plastic - As ₂ S ₃ 250 ml <input type="checkbox"/> 500 ml <input type="checkbox"/> 1000 ml
95	✓	-ECC-AG-Asph-95	X	2/7/13	10:42		Plastic - As ₂ S ₃ 250 ml <input type="checkbox"/> 500 ml <input type="checkbox"/> 1000 ml
96	✓	-ECC-AG-Concrete-96	X	2/7/13	10:44		Plastic - As ₂ S ₃ 250 ml <input type="checkbox"/> 500 ml <input type="checkbox"/> 1000 ml

Item No.	Transfer Check	Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request	Containers
87	✓	-ECC-AG-Asph-87	X	2/7/13	10:05	PCBS 3540C / 8282	Plastic - HNO ₃ 250 ml <input type="checkbox"/> Filtered <input type="checkbox"/> 0.45µ <input type="checkbox"/> 10µ
88	✓	-ECC-AG-Asph-88	X	2/7/13	10:10		Plastic - H ₂ SO ₄ 250 ml <input type="checkbox"/> 500 ml <input type="checkbox"/> 1000 ml
89	✓	-ECC-AG-Asph-89	X	2/7/13	10:15		Plastic - As ₂ S ₃ 250 ml <input type="checkbox"/> 500 ml <input type="checkbox"/> 1000 ml
90	✓	-ECC-AG-Asph-90	X	2/7/13	10:20		Plastic - As ₂ S ₃ 250 ml <input type="checkbox"/> 500 ml <input type="checkbox"/> 1000 ml
91	✓	-ECC-AG-Asph-91	X	2/7/13	10:25		Plastic - As ₂ S ₃ 250 ml <input type="checkbox"/> 500 ml <input type="checkbox"/> 1000 ml
92	✓	-ECC-AG-Asph-92	X	2/7/13	10:30		Plastic - As ₂ S ₃ 250 ml <input type="checkbox"/> 500 ml <input type="checkbox"/> 1000 ml
93	✓	-ECC-AG-Asph-93	X	2/7/13	10:35		Plastic - As ₂ S ₃ 250 ml <input type="checkbox"/> 500 ml <input type="checkbox"/> 1000 ml
94	✓	-ECC-AG-Concrete-94	X	2/7/13	10:40		Plastic - As ₂ S ₃ 250 ml <input type="checkbox"/> 500 ml <input type="checkbox"/> 1000 ml
95	✓	-ECC-AG-Asph-95	X	2/7/13	10:42		Plastic - As ₂ S ₃ 250 ml <input type="checkbox"/> 500 ml <input type="checkbox"/> 1000 ml
96	✓	-ECC-AG-Concrete-96	X	2/7/13	10:44		Plastic - As ₂ S ₃ 250 ml <input type="checkbox"/> 500 ml <input type="checkbox"/> 1000 ml

Transfer Number	Relinquished By	Accepted By	Date	Time
1	J Blun	F to Fridge	2/13/13	9:35
2	F to Fridge	J Blun	2/12/13	10:56
3	J Blun	Kate G.	2/22/13	10:56
4	Kate G.	J Blun	2/28/13	15:47

Charge Exceptions: CT Tax Exempt QA/QC Other _____
 _____ Duplicates _____ Blanks (Item Nos: _____)

Reporting and Detection Limit Requirements: RCP Deliverables MCP CAM Cert.
 Composite (0.5 ppm)

Additional Comments: composite: ECC-AG-Asph-87 to 88 / ~~89 to 90~~ / asph 89 to 90
 asph-91 to 92 / asph 93 to 95 / concrete 94 to 96



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

Time

02/07/13 10:46
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38877
 Phoenix ID: BD38877

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-AG-ASPH-97&99

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	84		%	02/26/13	AW	30 - 150 %
% TCMX	72		%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-AG-ASPH-97&99

Phoenix I.D.: BD38877

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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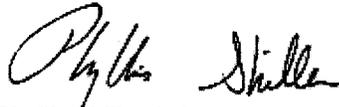
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

Time

02/07/13 10:48
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38877
 Phoenix ID: BD38878

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-AG-ASPH-98&104

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	96		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	97		%	02/26/13	AW	30 - 150 %
% TCMX	84		%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-AG-ASPH-98&104

Phoenix I.D.: BD38878

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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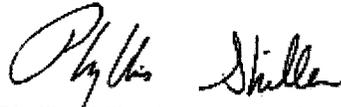
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/07/13
 02/22/13

Time

10:52
 15:47

Laboratory Data

SDG ID: GBD38877
 Phoenix ID: BD38879

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-AG-ASPH-100-101

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	81		%	02/26/13	AW	30 - 150 %
% TCMX	72		%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-AG-ASPH-100-101

Phoenix I.D.: BD38879

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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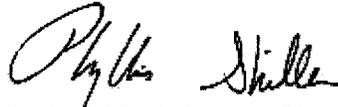
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/07/13
 02/22/13

Time

10:58
 15:47

Laboratory Data

SDG ID: GBD38877
 Phoenix ID: BD38880

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-AG-ASPH-102-103

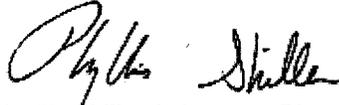
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	74		%	02/26/13	AW	30 - 150 %
% TCMX	69		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/07/13
 02/22/13

Time

11:02
 15:47

Laboratory Data

SDG ID: GBD38877
 Phoenix ID: BD38881

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-AG-ASPH-105

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.32	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	78		%	02/26/13	AW	30 - 150 %
% TCMX	77		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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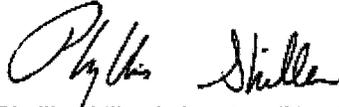
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

February 28, 2013

QA/QC Data

SDG I.D.: GBD38877

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 221907, QC Sample No: BD38890 (BD38877, BD38878, BD38879, BD38880, BD38881)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	78			80	76	5.1	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	75			85	84	1.2	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	82	85			81	77	5.1	30 - 150	30
% TCMX (Surrogate Rec)	67	74			79	77	2.6	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

Phyllis Shiller
 Phyllis Shiller, Laboratory Director
 February 28, 2013

Thursday, February 28, 2013
Requested Criteria: None

State: CT

SampNo Acode Phoenix Analyte

Criteria

Result

RL

Criteria

RL
Criteria

Analysis
Units

Sample Criteria Exceedences Report

GBD38877 - FOPCBTR

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD38877, BD38878, BD38879, BD38880, BD38881

Sampling Date(s): 2/7/2013

RCP Methods Used:

- 1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

<p>I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.</p>	
<p>Authorized Signature: _____</p> <p style="text-align: center; font-size: 1.5em; font-family: cursive;">Rashmi Makol</p>	<p>Date: Thursday, February 28, 2013</p> <p>Printed Name: Rashmi Makol</p> <p>Position: Project Manager</p>



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG I.D.: GBD38877

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 02/26/13-1 (BD38877, BD38879, BD38880, BD38881)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/26/2013

Instrument: Au-ecd5 02/26/13-1 (BD38878)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/26/2013

QC (Batch Specific)

———— Sample No: BD38890, QA/QC Batch: 221907 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



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 (860) 646-2469 • www.FandO.com

- 146 Hartford Road, Manchester, CT 06040
- 56 Quarry Road, Trumbull, CT 06611
- 1419 Richland Street, Columbia, SC 29201

- 78 Interstate Drive, West Springfield, MA 01089
- 317 Iron Horse Way, Suite 204, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY

6 meters

CHAIN-OF-CUSTODY RECORD 26997

PROJECT NAME: Central High School PROJECT LOCATION: Bridgewater, CT PROJECT NUMBER: 20110793.AZE LABORATORY: Phoenix

REPORT TO: Fern McCarthy/Karon Redfield Analysis Request

INVOICE TO: 20110793.AZE

Sampler's Signature: [Signature] Date: 2/13/13

Source Codes: MW=Monitoring Well PW=Potable Water T=Treatment Facility S=Soil B=Sediment
 SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete

X=Other Adjacent ground surfaces (Soil, concrete, asphalt)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Comments
	1	2	3	4					
97	✓	✓	✓	✓	-ECC-AG-asph-97	X	2/7/13	10:46	Composite w/ asphalt
98	✓	✓	✓	✓	-ECC-AG-concrete-98	X	2/7/13	10:48	Composite w/ concrete 104
99	✓	✓	✓	✓	-ECC-AG-asph-99	X	2/7/13	10:50	Composite w/ asphalt-97
100	✓	✓	✓	✓	-ECC-AG-asph-100	X	2/7/13	10:52	Composite
101	✓	✓	✓	✓	-ECC-AG-asph-101	X	2/7/13	10:54	Composite
102	✓	✓	✓	✓	-ECC-AG-asph-102	X	2/7/13	10:56	Composite
103	✓	✓	✓	✓	-ECC-AG-asph-103	X	2/7/13	10:58	Composite
104	✓	✓	✓	✓	-ECC-AG-concrete-104	X	2/7/13	11:00	Composite w/ concrete 98
105	✓	✓	✓	✓	-ECC-AG-asph-105	X	2/7/13	10:02	Discrete

PKS 35104/852

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions:
1	J Blum	F to F-dse	2/13/13	9:38	<input type="checkbox"/> CT Tax Exempt <input type="checkbox"/> QA/QC <input type="checkbox"/> Other
2	F to F-ridge	J Blum	2/22/13	10:55	<input type="checkbox"/> Duplicates <input type="checkbox"/> Blanks (Item Nos:)
3	J Blum	Kaubs G.	2/22/13	10:55	Reporting and Detection Limit Requirements: <input type="checkbox"/> RCP Deliverables <input type="checkbox"/> MCP CAM Cert.
4	Kaubs G.	[Signature]	2/22/13	10:55	Composite samples < 0.5 ppm / Discrete < 1 ppm Additional Comments: Composite: ECC-AG-asph 97 & 99 / Concrete - 98, 104 asphalt - 101 / asphalt 102 & 103



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/07/13
 02/22/13

Time

11:04
 15:47

Laboratory Data

SDG ID: GBD38867
 Phoenix ID: BD38867

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG-SOIL-106-107 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	12	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	84		%	02/26/13	AW	30 - 150 %
% TCMX	88		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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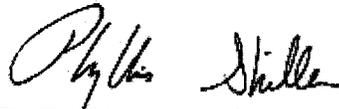
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/07/13
 02/22/13

Time

11:10
 15:47

Laboratory Data

SDG ID: GBD38867
 Phoenix ID: BD38868

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG-SOIL-108-109 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	76		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	7.7	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	82		%	02/26/13	AW	30 - 150 %
% TCMX	93		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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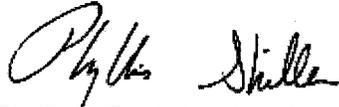
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/07/13
 02/22/13

Time

11:14
 15:47

Laboratory Data

SDG ID: GBD38867
 Phoenix ID: BD38869

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG-SOIL-110-111 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	80		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	7.3	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	85		%	02/26/13	AW	30 - 150 %
% TCMX	88		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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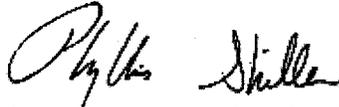
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/07/13
 02/22/13

Time

11:18
 15:47

Laboratory Data

SDG ID: GBD38867
 Phoenix ID: BD38870

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG-SOIL-112-113 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.99	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.99	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.99	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.99	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	3.1	0.99	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.99	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.99	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.99	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.99	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	82		%	02/26/13	AW	30 - 150 %
% TCMX	94		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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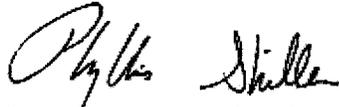
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/07/13
 02/22/13

Time

11:22
 15:47

Laboratory Data

SDG ID: GBD38867
 Phoenix ID: BD38871

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG-SOIL-114-115 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	*	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	*	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
Total PCBs	0.48	0.21	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	82		%	02/26/13	AW	30 - 150 %
% TCMX	81		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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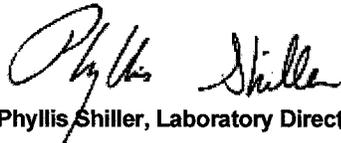
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

February 28, 2013

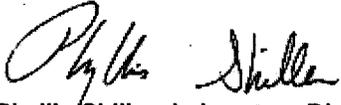
QA/QC Data

SDG I.D.: GBD38867

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 221885, QC Sample No: BD38867 (BD38867, BD38868, BD38869, BD38870, BD38871)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	55	51	7.5				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	68	70	2.9				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	86	86	83	3.6				30 - 150	30
% TCMX (Surrogate Rec)	68	55	48	13.6				30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


Phyllis Shiller, Laboratory Director
February 28, 2013

Thursday, February 28, 2013

Sample Criteria Exceedences Report

Page 1 of 1

Requested Criteria: None

State: CT

GBD38867 - FOPCBTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG LD.: GBD38867

Not all the requested criteria was met due to the presence of target and non target compounds.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd7 02/26/13-1 (BD38867, BD38868, BD38869, BD38870, BD38871)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 2/26/2013

QC (Site Specific)

———— Sample No: BD38867, QA/QC Batch: 221885 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

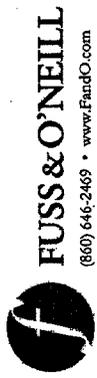
A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples in this delivery group were received at 6°C.

(Note acceptance criteria is above freezing up to 6°C)

60 MCTH



146 Hartford Road, Manchester, CT 06040
 66 Quarry Road, Trumbull, CT 06611
 1419 Richland Street, Columbia, SC 29201

78 Interstate Drive, West Springfield, MA 01089
 317 Iron Horse Way, Suite 204, Providence, RI 02908
 80 Washington Street, Suite 301, Roughtkeepsie, NY

CHAIN-OF-CUSTODY RECORD 26996

PROJECT NAME: **Central High School / Bridgeport**
 PROJECT LOCATION: **Bridgeport / Karon Red Field**
 PROJECT NUMBER: **20110793.A2F**
 LABORATORY: **Phoenix**

REPORT TO: **Kenn McCarthy / Karon Red Field**
 ANALYSIS REQUEST: **Analysis Request**

INVOICE TO: **20110793.A2F**

SAMPLER'S SIGNATURE: *[Signature]* Date: **2/13/13**

SOURCE CODES: MW=Monitoring Well, PW=Potable Water, T=Treatment Facility, S=Soil, B=Sediment
 SW=Surface Water, ST=Stormwater, W=Waste, A=Air, C=Concrete

X=Other: **Adjacent gravel surfaces (soil, asphalt, concrete)**

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Comments
	1	2	3	4					
106	✓	✓	✓	✓	-ECC-AG-Soil-106	X	2/7/13	11:04	Composite
107	✓	✓	✓	✓	-ECC-AG-Soil-107	X	2/7/13	11:06	Composite
108	✓	✓	✓	✓	-ECC-AG-Soil-108	X	2/7/13	11:08	Composite
109	✓	✓	✓	✓	-ECC-AG-Soil-109	X	2/7/13	11:10	Composite
110	✓	✓	✓	✓	-ECC-AG-Soil-110	X	2/7/13	11:12	Composite
111	✓	✓	✓	✓	-ECC-AG-Soil-111	X	2/7/13	11:14	Composite
112	✓	✓	✓	✓	-ECC-AG-Soil-112	X	2/7/13	11:16	Composite
113	✓	✓	✓	✓	-ECC-AG-Soil-113	X	2/7/13	11:18	Composite
114	✓	✓	✓	✓	-ECC-AG-Soil-114	X	2/7/13	11:20	Composite
115	✓	✓	✓	✓	-ECC-AG-Soil-115	X	2/7/13	11:22	Composite

Transfer Number	Relinquished By	Accepted By	Date	Time
1	J Blum	F to Frider	2/13/13	9:40
2	F to Fridge	J Blum	2/22/13	10:54
3	J Blum	Kaleb Giff	2/22/13	10:54
4	Ka Uebh	[Signature]	2/22/13	10:54

Charge Exceptions: CT Tax Exempt QA/QC Other
 Reporting and Detection Limit Requirements: RCP Deliverables MCP CAM Cert.
 Additional Comments: **Composite As-Des < 0.5 ppm**
Soil-110 to 111 / Soil-112 to 113 / Soil-114 to 115



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/07/13 11:26
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38953
 Phoenix ID: BD38963

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201202061203-ECC-AG-SOIL-116-117 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	79		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	66		%	02/28/13	AW	30 - 150 %
% TCMX	66		%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-116-117 COMP

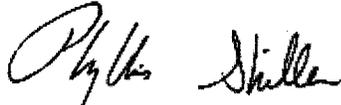
Phoenix I.D.: BD38963

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/07/13 11:30
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38953
 Phoenix ID: BD38964

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201202061203-ECC-AG-SOIL-118-119 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	*	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	*	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
Total PCBs	1.7	0.2	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	102		%	02/28/13	AW	30 - 150 %
% TCMX	103		%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-118-119 COMP

Phoenix I.D.: BD38964

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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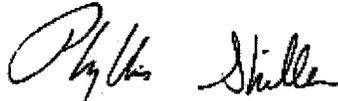
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/07/13 11:34
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38953
 Phoenix ID: BD38965

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201202061203-ECC-AG-SOIL-120-121 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	80		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	2.1	mg/kg	03/01/13	AW	3540C/8082
PCB-1221	ND	2.1	mg/kg	03/01/13	AW	3540C/8082
PCB-1232	ND	2.1	mg/kg	03/01/13	AW	3540C/8082
PCB-1242	ND	2.1	mg/kg	03/01/13	AW	3540C/8082
PCB-1248	7.3	2.1	mg/kg	03/01/13	AW	3540C/8082
PCB-1254	ND	2.1	mg/kg	03/01/13	AW	3540C/8082
PCB-1260	ND	2.1	mg/kg	03/01/13	AW	3540C/8082
PCB-1262	ND	2.1	mg/kg	03/01/13	AW	3540C/8082
PCB-1268	ND	2.1	mg/kg	03/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	Diluted Out		%	03/01/13	AW	30 - 150 %
% TCMX	Diluted Out		%	03/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-120-121 COMP

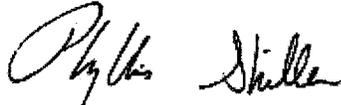
Phoenix I.D.: BD38965

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/07/13 11:38
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38953
 Phoenix ID: BD38966

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201202061203-ECC-AG-SOIL-122-123 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	80		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	2	mg/kg	03/01/13	AW	3540C/8082
PCB-1221	ND	2	mg/kg	03/01/13	AW	3540C/8082
PCB-1232	ND	2	mg/kg	03/01/13	AW	3540C/8082
PCB-1242	ND	2	mg/kg	03/01/13	AW	3540C/8082
PCB-1248	6.4	2	mg/kg	03/01/13	AW	3540C/8082
PCB-1254	ND	2	mg/kg	03/01/13	AW	3540C/8082
PCB-1260	ND	2	mg/kg	03/01/13	AW	3540C/8082
PCB-1262	ND	2	mg/kg	03/01/13	AW	3540C/8082
PCB-1268	ND	2	mg/kg	03/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	Diluted Out		%	03/01/13	AW	30 - 150 %
% TCMX	Diluted Out		%	03/01/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-122-123 COMP

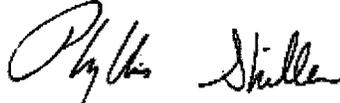
Phoenix I.D.: BD38966

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/07/13
 02/22/13

Time

11:42
 15:47

Laboratory Data

SDG ID: GBD38953
 Phoenix ID: BD38967

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201202061203-ECC-AG-SOIL-124-125 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.99	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	0.99	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	0.99	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	0.99	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	7.2	0.99	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	0.99	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	0.99	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	0.99	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	0.99	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	84		%	02/28/13	AW	30 - 150 %
% TCMX	98		%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-124-125 COMP

Phoenix I.D.: BD38967

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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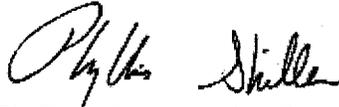
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

March 05, 2013

QA/QC Data

SDG I.D.: GBD38953

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 222024, QC Sample No: BD38959 (BD38953, BD38954, BD38955, BD38956, BD38957, BD38958, BD38959, BD38960, BD38961)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	74	75	1.3				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	69	67	2.9				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	70	73	78	6.6				30 - 150	30
% TCMX (Surrogate Rec)	66	72	72	0.0				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QA/QC Batch 222035, QC Sample No: BD38966 (BD38962, BD38963, BD38964, BD38965, BD38966, BD38967)

Polychlorinated Biphenyls - Solid

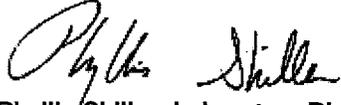
PCB-1016	ND	79	80	1.3				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	80	82	2.5				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	72	70	73	4.2				30 - 150	30
% TCMX (Surrogate Rec)	73	70	74	5.6				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


 Phyllis Shiller, Laboratory Director
 March 05, 2013

Tuesday, March 05, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBD38953 - FOPCBTR

Sample No	Acode	Phoenix Analyte	Criteria	Result	RL Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD38953, BD38954, BD38955, BD38956, BD38957, BD38958, BD38959, BD38960, BD38961, BD38962, BD38963, BD38964, BD38965, BD38966, BD38967

Sampling Date(s): 2/7/2013

RCP Methods Used:

1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

Rmakol

Date: Tuesday, March 05, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 05, 2013

SDG I.D.: GBD38953

Not all requested reporting levels were achieved due to the presence of target and non target compounds.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd8 02/28/13-1 (BD38953, BD38954, BD38963, BD38964, BD38967)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 2/28/2013

Instrument: Au-ecd8 03/01/13-1 (BD38965, BD38966)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 3/1/2013

QC Comments: QC Batch 222024 02/25/13 (BD38953, BD38954, BD38955, BD38956, BD38957, BD38958, BD38959, BD38960, BD38961)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QC Comments: QC Batch 222035 02/25/13 (BD38962, BD38963, BD38964, BD38965, BD38966, BD38967)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 05, 2013

SDG I.D.: GBD38953

QC (Site Specific)

———— Sample No: BD38959, QA/QC Batch: 222024 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD38966, QA/QC Batch: 222035 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)

6 metal



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146 Hartford Road, Manchester, CT 06040
317 Iron Horse Way, Suite 204, Providence, RI 02908
80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 26995

PROJECT NAME: Central High School Bridgeport CT PROJECT LOCATION: Bridgeport CT PROJECT NUMBER: 20110793AAZF LABORATORY: Phoenix

REPORT TO: Kevin McCarthy / Kamm Red Field ANALYSIS REQUEST: PER 3510C / 8082

INVOICE TO: Kevin McCarthy / Kamm Red Field

P.O. NO.: 20110793AAZF DATE: 2/13/10

SAMPLER'S SIGNATURE: [Signature]

SOURCE CODES: MW=Monitoring Well, PW=Potable Water, ST=Stormwater, T=Treatment Facility, S=Soil, B=Sediment, SW=Surface Water, W=Waste, A=Air, C=Concrete

X=Other Adjacent ground surfaces (soil, asphalt, concrete)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Comments
	1	2	3	4					
116	✓	✓	✓	✓	-ECC-A6-Soil-116	X	2/2/13	11:24	Composite
117	✓	✓	✓	✓	-ECC-A6-Soil-117	X	2/2/13	11:26	Composite
118	✓	✓	✓	✓	-ECC-A6-Soil-118	X	2/7/13	11:28	Composite
119	✓	✓	✓	✓	-ECC-A6-Soil-119	X	2/7/13	11:30	Composite
120	✓	✓	✓	✓	-ECC-A6-Soil-120	X	2/7/13	11:32	Composite
121	✓	✓	✓	✓	-ECC-A6-Soil-121	X	2/7/13	11:34	Composite
122	✓	✓	✓	✓	-ECC-A6-Soil-122	X	2/7/13	11:36	Composite
123	✓	✓	✓	✓	-ECC-A6-Soil-123	X	2/7/13	11:38	Composite
124	✓	✓	✓	✓	-ECC-A6-Soil-124	X	2/7/13	11:40	Composite
125	✓	✓	✓	✓	-ECC-A6-Soil-125	X	2/7/13	11:42	Composite

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions:
1	J Blum	FEO Fridge	2/13/10	9:45	CT Tax Exempt, QA/QC, Other
2	FEO Fridge	S Blum	2/22/13	10:50	Duplicates, Blanks (Item Nos)
3	S Blum	Kaleb G.	2/22/13	10:50	Reporting and Detection Limit Requirements: RCP Deliverables, MCP CAM Cert.
4	Kaleb G.	[Signature]	2/22/13	10:50	Additional Comments: Composite: ECC-A6-Soil-116 to 117 / Soil 118 to 119 / Soil-120 to 121 / Soil-122 to 123 / Soil-124 to 125

24-Hour* 72-Hour* Other _____ (days)
48-Hour* Standard (5 days) *Surcharge Applies

Containers: Plastic - NaOH, 250 ml Plastic - HNO₃, 250 ml Plastic - H₂SO₄, 250 ml Plastic - Acids, 250 ml Glass Amber () ml Asis H₂SO₄ HCl Water VOA Val. Asis HCl Other Glass Soil Container () oz Na₂SO₄ Other Soil VOA Val. methanol water Na₂SO₄ Other Glass Soil Container () oz Na₂SO₄ Other Soil VOA Val. methanol water Na₂SO₄ Other Glass Soil Container () oz Na₂SO₄ Other Soil VOA Val. methanol water Na₂SO₄ Other Glass Soil Container () oz Na₂SO₄ Other Soil VOA Val. methanol water Na₂SO₄ Other Glass Soil Container () oz Na₂SO₄ Other Soil VOA Val. methanol water Na₂SO₄ Other Glass Soil Container () oz Na₂SO₄ Other Soil VOA Val. methanol water Na₂SO₄ Other Glass Soil Container () oz Na₂SO₄ Other Soil VOA Val. methanol water Na₂SO₄ Other Glass Soil Container () oz Na₂SO₄ Other Soil VOA Val. methanol water Na₂SO₄ Other Glass Soil Container () oz Na₂SO₄ Other Soil VOA Val. methanol water Na₂SO₄ Other Glass Soil Container () oz Na₂SO₄ Other Soil VOA Val. methanol water Na₂SO₄ Other Glass Soil Container () oz Na₂SO₄ Other Soil VOA Val. methanol water Na₂SO₄ Other Glass Soil Container () oz Na₂SO₄ Other Soil VOA Val. methanol water Na₂SO₄ Other 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Container () oz Na₂SO₄ Other Soil VOA Val. methanol water Na₂SO₄ Other Glass Soil Container () oz Na₂SO₄ Other Soil VOA Val. methanol water Na₂SO₄ Other Glass Soil Container () oz Na₂SO₄ Other Soil VOA Val. methanol water Na₂SO₄ Other Glass Soil Container () oz Na₂SO₄ Other Soil VOA Val. methanol water Na₂SO₄ Other Glass Soil Container () oz Na₂SO₄ Other Soil VOA Val. methanol water Na₂SO_{4</}



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date: 02/07/13 11:46
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38942
 Phoenix ID: BD38942

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG SOIL 126-127

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	79		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	9.4	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	91		%	02/27/13	AW	30 - 150 %
% TCMX	112		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 126-127

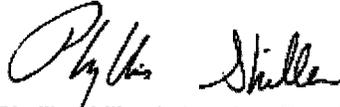
Phoenix I.D.: BD38942

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/07/13 11:50
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38942
 Phoenix ID: BD38943

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG SOIL 128-129

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	4.4	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	76		%	02/28/13	AW	30 - 150 %
% TCMX	104		%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 128-129

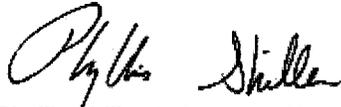
Phoenix I.D.: BD38943

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/07/13 11:54
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38942
 Phoenix ID: BD38944

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG SOIL 130-131

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	76		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	6.9	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	2.2	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	Diluted Out		%	02/28/13	AW	30 - 150 %
% TCMX	Diluted Out		%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 130-131

Phoenix I.D.: BD38944

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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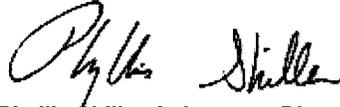
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time

02/07/13 11:58
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38942
 Phoenix ID: BD38945

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG SOIL 132-133

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	8.2	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	80		%	02/27/13	AW	30 - 150 %
% TCMX	91		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 132-133

Phoenix I.D.: BD38945

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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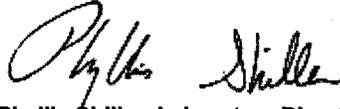
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/07/13 12:30
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38942
 Phoenix ID: BD38946

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG SOIL 134-135

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	77		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	10	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	10	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	10	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	10	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	34	10	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	10	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	10	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	10	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	10	mg/kg	02/28/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	Diluted Out		%	02/28/13	AW	30 - 150 %
% TCMX	Diluted Out		%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 134-135

Phoenix I.D.: BD38946

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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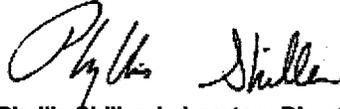
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager

6 MCTA



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 (860) 646-2469 • www.FandO.com

146 Hartford Road, Manchester, CT 06040
 317 Iron Horse Way, Suite 204, Providence, RI 02908
 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 26994

PROJECT NAME

Central High School
 REPORT TO: Kevin McCarthy/Karran Keefe/Field

PROJECT LOCATION

Bridgeport CT
 Analysis Request

PROJECT NUMBER

20110793.A2E

LABORATORY

Phoenix

24-Hour* 72-Hour* Other _____ (days)
 48-Hour* Standard (5 days) *Surcharge Applies

INVOICE TO:

P.O. No.: 20110793.A2E

Sampler's Signature:

Jane Bl

Date: 2/13/13

Source Codes: MW=Monitoring Well PW=Portable Water T=Treatment Facility S=Soil B=Sediment
 SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete
 X=Other Adjacent ground surfaces (Soil, asphalt, concrete)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
126	✓	✓			-ECC-AG-Soil-126	X	2/7/13	11:44
127	✓	✓			-ECC-AG-Soil-127	X	2/7/13	11:46
128	✓	✓			-ECC-AG-Soil-128	X	2/7/13	11:48
129	✓	✓			-ECC-AG-Soil-129	X	2/7/13	11:50
130	✓	✓			-ECC-AG-Soil-130	X	2/7/13	11:52
131	✓	✓			-ECC-AG-Soil-131	X	2/7/13	11:54
132	✓	✓			-ECC-AG-Soil-132	X	2/7/13	11:56
133	✓	✓			-ECC-AG-Soil-133	X	2/7/13	11:58
134	✓	✓			-ECC-AG-Soil-134	X	2/7/13	12:00
135	✓	✓			-ECC-AG-Soil-135	X	2/7/13	12:30

Soil VOA Val. □ methanol	Soil VOA Val. □ water	Class Soil Container □ Na ₂ SO ₄	Other	Water VOA Val. □ As ₂ S ₃	Class Amber () ml □ As ₂ S ₃ □ HCl	Plastic - H ₂ SO ₄ □ 250 ml □ 500 □ 1000 ml	Plastic - HNO ₃ □ 250 ml □ Filtered □ 0.45μ □ 10μ	Plastic - NaOH, 250 ml	Comments
									Composite
									Composite
									Composite
									Composite
									Composite
									Composite

PCBs 3510C / 3082

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions: □ CT/Tax Exempt □ QA/QC □ Other _____
1	J Blun	F to Fridge	2/13/13	9:45	Duplicates _____ Blanks (Item Nos: _____)
2	F to Fridge	J Blun	2/22/13	10:52	Reporting and Detection Limit Requirements: □ RCP Deliverables □ MCP CAM Cert.
3	J Blun	K9125 G	2/22/13	10:52	Composite samples < 0.5 ppm
4	K9125 G	J Blun	2/22/13	10:52	Additional Comments: Composite; ECC-AG-Soil-126 to 127 / Soil-128 to 129



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

12:34
15:47

Laboratory Data

SDG ID: GBD38912
Phoenix ID: BD38917

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-SOIL 136-137

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	74		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	7.4	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	69		%	02/27/13	AW	30 - 150 %
% TCMX	92		%	02/27/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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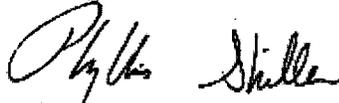
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date

02/06/13
 02/22/13

Time

12:38
 15:47

Laboratory Data

SDG ID: GBD38912
 Phoenix ID: BD38918

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG-SOIL 138-139

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	76		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	1.3	0.21	mg/kg	02/27/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	80		%	02/27/13	AW	30 - 150 %
% TCMX	81		%	02/27/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date

02/06/13
 02/22/13

Time

12:42
 15:47

Laboratory Data

SDG ID: GBD38912
 Phoenix ID: BD38919

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG-SOIL 140-141

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	75		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	0.59	0.22	mg/kg	02/27/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	87		%	02/27/13	AW	30 - 150 %
% TCMX	73		%	02/27/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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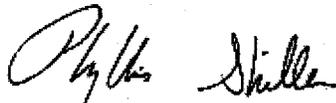
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclors of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date

02/06/13
 02/22/13

Time

12:46
 15:47

Laboratory Data

SDG ID: GBD38912
 Phoenix ID: BD38920

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG-BRICK 142-143

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	94		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	82		%	02/27/13	AW	30 - 150 %
% TCMX	73		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-BRICK 142-143

Phoenix I.D.: BD38920

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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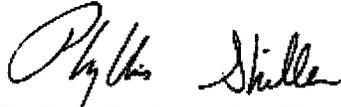
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 01, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

02/06/13
02/22/13

Time

12:50
15:47

Laboratory Data

SDG ID: GBD38912
Phoenix ID: BD38921

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-BRICK 144-145

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	77		%	02/27/13	AW	30 - 150 %
% TCMX	68		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG-BRICK 144-145

Phoenix I.D.: BD38921

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

March 01, 2013

QA/QC Data

SDG I.D.: GBD38912

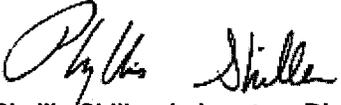
Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 222006, QC Sample No: BD38922 (BD38912, BD38913, BD38914, BD38915, BD38916, BD38917, BD38918, BD38919, BD38920, BD38921)									
Polychlorinated Biphenyls - Solid, Soil									
PCB-1016	ND	80	84	4.9				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	78	80	2.5				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	70	72	77	6.7				30 - 150	30
% TCMX (Surrogate Rec)	75	78	83	6.2				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


Phyllis Shiller, Laboratory Director
March 01, 2013

Sample Criteria Exceedences Report

Requested Criteria: None

State: CT

GBD38912 - FOPCBTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD38912, BD38913, BD38914, BD38915, BD38916, BD38917, BD38918,
BD38919, BD38920, BD38921

Sampling Date(s): 2/6/2013

RCP Methods Used:

1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

Rmakal

Date: Friday, March 01, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 01, 2013

SDG I.D.: GBD38912

Not all requested reporting levels were achieved due to the presence of target and non target compounds.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-eed5 02/27/13-1 (BD38912, BD38913, BD38914, BD38915, BD38916, BD38917, BD38918, BD38919, BD38920, BD38921)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 2/27/2013

QC Comments: QC Batch 222006 02/25/13 (BD38912, BD38913, BD38914, BD38915, BD38916, BD38917, BD38918, BD38919, BD38920, BD38921)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QC (Batch Specific)

———— Sample No: BD38922, QA/QC Batch: 222006 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 6C with cooling initiated.

(Note acceptance criteria is above freezing up to 6°C)



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 01, 2013

SDG I.D.: GBD38912



FUSS & O'NEILL
(860) 646-2469 • www.FandO.com

- 146 Hartford Road, Manchester, CT 06040
- 36 Quarry Road, Trumbull, CT 06611
- 1419 Richland Street, Columbia, SC 29201

- 78 Interstate Drive, West Springfield, MA 01089
- 317 Iron Horse Way, Suite 204, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY

Other _____

6 mths

CHAIN-OF-CUSTODY RECORD 26985

PROJECT NAME

Central High School Bridge Port CT

PROJECT LOCATION

Bridge Port CT

PROJECT NUMBER

20110793.A2.F

LABORATORY

Phoenix Containers

REPORT TO: *Kevin McCarthy/Karran Keefe Field.*

Analysis Request

INVOICE TO:

P.O. No.: *20110793.A2.F*

Sampler's Signature: *[Signature]*

Date: *2/13/13*

Source Codes:
 MW=Monitoring Well
 SW=Surface Water
 X=Other

PW=Potable Water
 ST=Stormwater
 T=Treatment Facility
 W=Waste
 A=Air
 C=Concrete
 B=Sediment

Adjacent ground Surfaces (Soils, asphalt, concrete, brick)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Comments
	1	2	3	4					
136	✓	✓	✓	✓	<i>201302061203</i>	X	<i>2/7/13</i>	<i>12:32</i>	<i>Composite</i>
137	✓	✓	✓	✓	<i>-ECC-AG-Soil-136</i>	X	<i>2/7/13</i>	<i>12:34</i>	<i>Composite</i>
138	✓	✓	✓	✓	<i>-ECC-AG-Soil-137</i>	X	<i>2/7/13</i>	<i>12:36</i>	<i>Composite</i>
139	✓	✓	✓	✓	<i>-ECC-AG-Soil-138</i>	X	<i>2/7/13</i>	<i>12:38</i>	<i>Composite</i>
140	✓	✓	✓	✓	<i>-ECC-AG-Soil-140</i>	X	<i>2/7/13</i>	<i>12:40</i>	<i>Composite</i>
141	✓	✓	✓	✓	<i>-ECC-AG-Soil-141</i>	X	<i>2/7/13</i>	<i>12:42</i>	<i>Composite</i>
142	✓	✓	✓	✓	<i>-ECC-AG-Brick-142</i>	X	<i>2/7/13</i>	<i>12:44</i>	<i>Composite</i>
143	✓	✓	✓	✓	<i>-ECC-AG-Brick-143</i>	X	<i>2/7/13</i>	<i>12:46</i>	<i>Composite</i>
144	✓	✓	✓	✓	<i>-ECC-AG-Brick-144</i>	X	<i>2/7/13</i>	<i>12:48</i>	<i>Composite</i>
145	✓	✓	✓	✓	<i>-ECC-AG-Brick-145</i>	X	<i>2/7/13</i>	<i>12:50</i>	<i>Composite</i>

PCS 3540C/8082

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions:
1	<i>J Blum</i>	<i>F to Fridge</i>	<i>2/13/13</i>	<i>4:50</i>	<input type="checkbox"/> CT Tax Exempt <input type="checkbox"/> QA/QC <input type="checkbox"/> Other _____
2	<i>F to Fridge</i>	<i>S Blum</i>	<i>2/22/13</i>	<i>10:50</i>	<input type="checkbox"/> Duplicates _____ <input type="checkbox"/> Blanks (Item Nos: _____)
3	<i>J Blum</i>	<i>Kaltes G</i>	<i>2/22/13</i>	<i>10:50</i>	Reporting and Detection Limit Requirements: <input type="checkbox"/> RCP Deliverables <input type="checkbox"/> MCP CAM Cert.
4	<i>Kaltes G</i>	<i>[Signature]</i>	<i>2/23/13</i>	<i>10:50</i>	<i>Composite samples < 0.5 ppm</i>

*Additional Comments: Composite: ECC-AG-Soil 136 to 137 / Soil-138-139
 Soil-140 to 141 / Brick-142 to 143 / Brick-144 to 145*



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/07/13 12:54
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38942
 Phoenix ID: BD38947

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG BRICK 146-147

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	94		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	93		%	02/27/13	AW	30 - 150 %
% TCMX	85		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG BRICK 146-147

Phoenix I.D.: BD38947

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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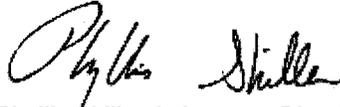
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/07/13 12:58
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38942
 Phoenix ID: BD38948

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG BRICK 148-149

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	94		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	72		%	02/27/13	AW	30 - 150 %
% TCMX	68		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG BRICK 148-149

Phoenix I.D.: BD38948

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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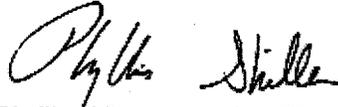
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/07/13 13:02
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38942
 Phoenix ID: BD38949

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG BRICK 150-151

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	94		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	90		%	02/27/13	AW	30 - 150 %
% TCMX	72		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG BRICK 150-151

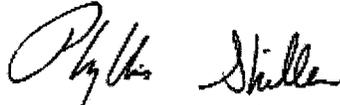
Phoenix I.D.: BD38949

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/07/13 13:04
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38942
 Phoenix ID: BD38950

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG SOIL 152

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	78		%	02/26/13	AW	30 - 150 %
% TCMX	69		%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 152

Phoenix I.D.: BD38950

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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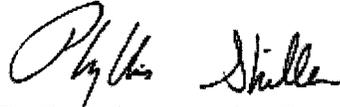
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date: 02/07/13 13:06
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38942
 Phoenix ID: BD38951

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203 ECC-AG SOIL 153-154

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	75		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	82		%	02/27/13	AW	30 - 150 %
% TCMX	88		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 153-154

Phoenix I.D.: BD38951

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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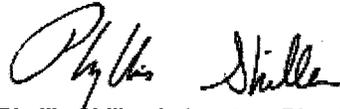
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

02/07/13
02/22/13

Time

13:10
15:47

Laboratory Data

SDG ID: GBD38942
Phoenix ID: BD38952

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 155

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	76		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.43	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.43	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.43	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.43	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.43	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.43	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.43	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.43	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.43	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	74		%	02/26/13	AW	30 - 150 %
% TCMX	82		%	02/26/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203 ECC-AG SOIL 155

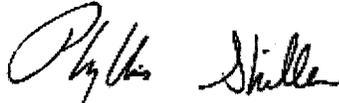
Phoenix I.D.: BD38952

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

March 04, 2013

QA/QC Data

SDG I.D.: GBD38942

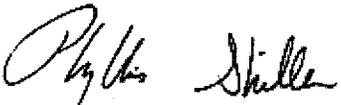
Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 222024, QC Sample No: BD38959 (BD38942, BD38943, BD38944, BD38945, BD38946, BD38947, BD38948, BD38949, BD38950, BD38951, BD38952)									
Polychlorinated Biphenyls - Solid, Soil									
PCB-1016	ND	74	75	1.3				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	69	67	2.9				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	70	73	78	6.6				30 - 150	30
% TCMX (Surrogate Rec)	66	72	72	0.0				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


 Phyllis Shiller, Laboratory Director
 March 04, 2013

Monday, March 04, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBD38942 - FOPCBTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 04, 2013

SDG I.D.: GBD38942

Not all requested reporting levels were achieved due to the presence of target and non target compounds.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 02/26/13-1 (BD38950)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 2/26/2013

Instrument: Au-ecd5 02/27/13-1 (BD38942, BD38945, BD38947, BD38948)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 2/27/2013

Instrument: Au-ecd8 02/28/13-1 (BD38943, BD38944, BD38946)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 2/28/2013

QC Comments: QC Batch 222024 02/25/13 (BD38942, BD38943, BD38944, BD38945, BD38946, BD38947, BD38948, BD38949, BD38950, BD38951, BD38952)



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045

Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 04, 2013

SDG I.D.: GBD38942

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QC (Batch Specific)

———— Sample No: BD38959, QA/QC Batch: 222024 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 6C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)



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- 146 Hartford Road, Manchester, CT 06040
- 56 Quarry Road, Trumbull, CT 06611
- 1419 Richland Street, Columbia, SC 29201

- 78 Interstate Drive, West Springfield, MA 01089
- 317 Iron Horse Way, Suite 204, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY

6/11/13

CHAIN-OF-CUSTODY RECORD 26993

PROJECT NAME: Central High School Bridge Port CT
 REPORT TO: Kevin Mc Carthy / Karen Redfield
 INVOICE TO:
 P.O. NO.: 20110793.A2E
 Date: 2/13/13
 Sampler's Signature: [Signature]

Source Codes: MW=Monitoring Well, PW=Potable Water, T=Treatment Facility, S=Soil, B=Sediment
 SW=Surface Water, ST=Stormwater, W=Waste, A=Air, C=Concrete
 X=Other ref. sect. of road surfaces (soil, asphalt, concrete, brick)

PROJECT LOCATION: Bridge Port CT
 PROJECT NUMBER: 20110793.A2E
 LABORATORY: Phoenix
 Containers:

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Comments
	1	2	3	4					
146	✓	✓	✓	✓	-ECC-AG-brick-146	X	2/7/13	12:52	Composite
147	✓	✓	✓	✓	-ECC-AG-brick-147	X	2/7/13	12:54	Composite
148	✓	✓	✓	✓	-ECC-AG-brick-148	X	2/7/13	12:56	Composite
149	✓	✓	✓	✓	-ECC-AG-brick-149	X	2/7/13	12:58	Composite
150	✓	✓	✓	✓	-ECC-AG-brick-150	X	2/7/13	1:00	Composite
151	✓	✓	✓	✓	-ECC-AG-brick-151	X	2/7/13	1:02	Composite
152	✓	✓	✓	✓	-ECC-AG-brick-152	X	2/7/13	1:04	Discrete
153	✓	✓	✓	✓	-ECC-AG-soil-153	X	2/7/13	1:06	Composite
154	✓	✓	✓	✓	-ECC-AG-soil-154	X	2/7/13	1:08	Discrete
155	✓	✓	✓	✓	-ECC-AG-soil-155	X	2/7/13	1:10	Discrete

Transfer Number	Relinquished By	Accepted By	Date	Time
1	S Blun	F to Fridge	2/13/13	9:55
2	F to Fridge	S Blun	2/13/13	11:50
3	S Blun	Marked G	2/22/13	10:50
4	Marked G	Marked G	2/22/13	10:50

Charge Exceptions: CT Tax Exempt QA/QC Other
 _____ Duplicates _____ Blanks (Item Nos: _____)
 Reporting and Detection Limit Requirements: RCP Deliverables MCP CAM Cert.
 Additional Comments: Composite samples < 0.5 ppm / Discrete < 1 ppm
brick 150 to 151 / soil 153 to 154
brick 146 to 147 / brick 148 to 149



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/07/13 13:12
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38953
 Phoenix ID: BD38953

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201202061203-ECC-AG-SOIL-156-157 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	*	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	*	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	*	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
Total PCBs	1	0.2	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	96		%	02/28/13	AW	30 - 150 %
% TCMX	74		%	02/28/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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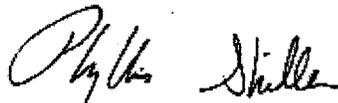
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254 and 1260.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/07/13
 02/22/13

Time

13:18
 15:47

Laboratory Data

SDG ID: GBD38953
 Phoenix ID: BD38954

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201202061203-ECC-AG-SOIL-158-159 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	*	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	*	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	*	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/28/13	AW	3540C/8082
Total PCBs	1.2	0.2	mg/kg	02/28/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	97		%	02/28/13	AW	30 - 150 %
% TCMX	74		%	02/28/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

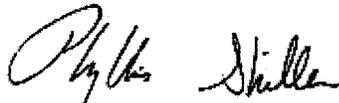
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254 and 1260.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/07/13 13:22
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38953
 Phoenix ID: BD38955

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201202061203-ECC-AG-SOIL-160-161 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	2.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	2.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	2.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	2.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	ND	2.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	2.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	6.7	2.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	2.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	2.1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	Diluted Out		%	02/27/13	AW	30 - 150 %
% TCMX	Diluted Out		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-160-161 COMP

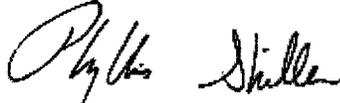
Phoenix I.D.: BD38955

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/07/13 13:26
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38953
 Phoenix ID: BD38956

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201202061203-ECC-AG-SOIL-162-163 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	1.2	0.21	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	87		%	02/27/13	AW	30 - 150 %
% TCMX	79		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-162-163 COMP

Phoenix I.D.: BD38956

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

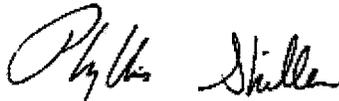
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclors of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/07/13 13:30
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38953
 Phoenix ID: BD38957

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201202061203-ECC-AG-SOIL-164-165 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	75		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

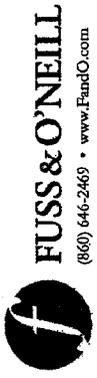
PCB (Soxhlet)

PCB-1016	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	3.6	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1.1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	88		%	02/27/13	AW	30 - 150 %
% TCMX	80		%	02/27/13	AW	30 - 150 %

60MCTD



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36 Quarry Road, Trumbull, CT 06611
1419 Richland Street, Columbia, SC 29201

78 Interstate Drive, West Springfield, MA 01089
317 Iron Horse Way, Suite 204, Providence, RI 02908
80 Washington Street, Suite 301, Poughkeepsie, NY

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CHAIN-OF-CUSTODY RECORD 26992

24-Hour* 72-Hour* Other _____ (days)
48-Hour* Standard (5 days) *Surcharge Applies

PROJECT NAME: Central High School Bridgeport PROJECT LOCATION: Bridgeport PROJECT NUMBER: 20110793.AZE LABORATORY: Phoenix

REPORT TO: Kenn McCarthy / Kannon Redfield ANALYSIS REQUEST: Analysis Request

INVOICE TO: Kenn McCarthy / Kannon Redfield

P.O. No.: 20110793.AZE Date: 2/13/13

Sampler's Signature: [Signature]

Source Codes: MW=Monitoring Well PW=Potable Water T=Treatment Facility S=Soil B=Sediment
SW=Surface Water W=Waste A=Air C=Concrete

X=Other adjacent ground surfaces (soil, asphalt, concrete)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request								
	1	2	3	4					Soil VOA Yal	Glass Soil Container	Other	Water VOA Yal	Glass Amber	Plastic - Asst.	Plastic - H2SO4	Plastic - HNO3	Plastic - NaOH
156	✓	✓	✓	✓	2012061203 -ECC-A6-Soil-156	X	2/7/13	1:12	✓	✓	✓	✓	✓	✓	✓	✓	Composite
157	✓	✓	✓	✓	-ECC-A6-Soil-157	X	2/7/13	1:14	✓	✓	✓	✓	✓	✓	✓	✓	Composite
158	✓	✓	✓	✓	-ECC-A6-Soil-158	X	2/7/13	1:16	✓	✓	✓	✓	✓	✓	✓	✓	Composite
159	✓	✓	✓	✓	-ECC-A6-Soil-159	X	2/7/13	1:18	✓	✓	✓	✓	✓	✓	✓	✓	Composite
160	✓	✓	✓	✓	-ECC-A6-Soil-160	X	2/7/13	1:20	✓	✓	✓	✓	✓	✓	✓	✓	Composite
161	✓	✓	✓	✓	-ECC-A6-Soil-161	X	2/7/13	1:22	✓	✓	✓	✓	✓	✓	✓	✓	Composite
162	✓	✓	✓	✓	-ECC-A6-Soil-162	X	2/7/13	1:24	✓	✓	✓	✓	✓	✓	✓	✓	Composite
163	✓	✓	✓	✓	-ECC-A6-Soil-163	X	2/7/13	1:26	✓	✓	✓	✓	✓	✓	✓	✓	Composite
164	✓	✓	✓	✓	-ECC-A6-Soil-164	X	2/7/13	1:28	✓	✓	✓	✓	✓	✓	✓	✓	Composite
165	✓	✓	✓	✓	-ECC-A6-Soil-165	X	2/7/13	1:30	✓	✓	✓	✓	✓	✓	✓	✓	Composite

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions
1	J Blum	F to Fradette	2/13/13	9:55	CT Tax Exempt <input type="checkbox"/> QA/QC <input type="checkbox"/> Other <input type="checkbox"/> Duplications _____ Blanks (Item Nos. _____)
2	F to Fradette	J Blum	2/21/13	10:50	Reporting and Detection Limit Requirements: <input type="checkbox"/> RCP Deliverables <input type="checkbox"/> MCP CAM Cert.
3	J Blum	Knebel G.	2/22/13	10:50	Composite <input checked="" type="checkbox"/> O.S. ppm Additional Comments: Composite; ECC-A6-Soil 156 to 157 / Soil 158 to 159
4	Knebel G.	J Blum	2/22/13	10:50	Soil 160 to 161 / Soil 162 to 163 / Soil 164 to 165



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/09/13
 02/22/13

Time

13:34
 15:47

Laboratory Data

SDG ID: GBD38922
 Phoenix ID: BD38927

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-166-167 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	80		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	5	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/26/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	81		%	02/26/13	AW	30 - 150 %
% TCMX	88		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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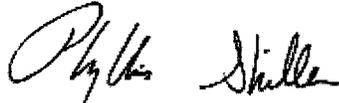
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/09/13
 02/22/13

Time

13:38
 15:47

Laboratory Data

SDG ID: GBD38922
 Phoenix ID: BD38928

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-168-169 COMP

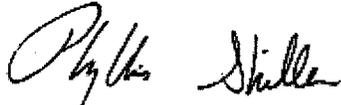
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	76		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	8.1	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	81		%	02/26/13	AW	30 - 150 %
% TCMX	108		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/09/13
 02/22/13

Time

13:42
 15:47

Laboratory Data

SDG ID: GBD38922
 Phoenix ID: BD38929

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-170-171 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	79		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	*	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	*	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
Total PCBs	2.3	0.21	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	77		%	02/26/13	AW	30 - 150 %
% TCMX	69		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclors of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

Time

02/09/13 13:46
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38922
 Phoenix ID: BD38930

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-172-173 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	74		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	4.5	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	2.2	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	2.2	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

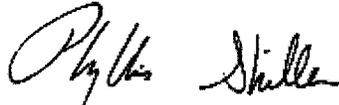
% DCBP	Diluted Out		%	02/28/13	AW	30 - 150 %
% TCMX	Diluted Out		%	02/28/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/09/13
 02/22/13

Time

13:50
 15:47

Laboratory Data

SDG ID: GBD38922
 Phoenix ID: BD38931

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-174-175 COMP

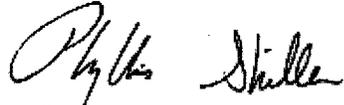
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	79		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	2.1	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	2.1	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	2.1	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	2.1	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	5.7	2.1	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	2.1	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	2.1	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	2.1	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	2.1	mg/kg	02/28/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	Diluted Out		%	02/28/13	AW	30 - 150 %
% TCMX	Diluted Out		%	02/28/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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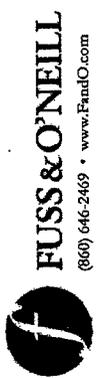


Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

60 ml



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 (860) 646-2469 • www.FandO.com

146 Hartford Road, Manchester, CT 06040
 317 Iron Horse Way, Suite 204, Providence, RI 02908
 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 26991

PROJECT NAME

PROJECT LOCATION

PROJECT NUMBER

LABORATORY

Containers

REPORT TO: Central High School / Brosefort Ct
Kevin McCarthy / Karen Redfield

20110793.A2E

Phoenix

INVOICE TO:
 P.O. NO.: 20110793.A2E
 Sampler's Signature: [Signature] Date: 2/13/13

Source Codes:
 MW=Monitoring Well T=Treatment Facility S=Soil B=Sediment
 SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete
 X=Other Adjacent gravel surfaces (soil, asphalt, concrete)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
166	✓	✓	✓	✓	-ECC-AG-Soil-166	X	2/7/13 1:32	✓
167	✓	✓	✓	✓	-ECC-AG-Soil-167	X	2/7/13 1:34	✓
168	✓	✓	✓	✓	-ECC-AG-Soil-168	X	2/7/13 1:36	✓
169	✓	✓	✓	✓	-ECC-AG-Soil-169	X	2/7/13 1:38	✓
170	✓	✓	✓	✓	-ECC-AG-Soil-170	X	2/7/13 1:40	✓
171	✓	✓	✓	✓	-ECC-AG-Soil-171	X	2/7/13 1:42	✓
172	✓	✓	✓	✓	-ECC-AG-Soil-172	X	2/7/13 1:44	✓
173	✓	✓	✓	✓	-ECC-AG-Soil-173	X	2/7/13 1:46	✓
174	✓	✓	✓	✓	-ECC-AG-Soil-174	X	2/7/13 1:48	✓
175	✓	✓	✓	✓	-ECC-AG-Soil-175	X	2/7/13 1:50	✓

Analysis Request	Soil VOA Vol. □ methanol □ Na2SO3	Soil VOA Vol. □ water □ Na2SO3	Other	Water VOA Vol. □ As □ HCl	Glass Amber () ml □ As □ HCl	Plastic - As □ □ 250 ml □ 500 □ 1000 ml	Plastic - H2SO4 □ 250 ml □ 500 ml	Plastic - HNO3 □ 250 ml □ 500 ml	Plastic - NaOH □ 250 ml □ 500 ml □ 1000 ml	Comments
										Composite
										Composite
										Composite
										Composite
										Composite
										Composite

Transfer Number	Relinquished By	Accepted By	Date	Time
1	S Blum	F to Fridge	2/13/13	10:05
2	F to Fridge	S Blum	2/22/13	10:49
3	S Blum	R Blum	2/22/13	10:49
4	R Blum	[Signature]	2/22/13	10:49

Charge Exceptions: CT Tax Exempt QA/QC Other ()
 _____ Duplicates _____ Blanks (Item Nos: _____)

Reporting and Detection Limit Requirements: RCP Deliverables MCP CAM Cert.

COMPOSITE SAMPLES (AS PLM)
 Additional Comments: COMPOSITE: ECC-AG-Soil 166 to 177 / Soil 168 to 169
 Soil 170 to 171 / Soil 172 to 173 / Soil 174 to 175



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/07/13
 02/22/13

Time

13:54
 15:47

Laboratory Data

SDG ID: GBD38882
 Phoenix ID: BD38882

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-CONCRETE-176-177 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.16	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.16	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	72		%	02/26/13	AW	30 - 150 %
% TCMX	71		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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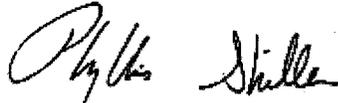
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/07/13
 02/22/13

Time

13:58
 15:47

Laboratory Data

SDG ID: GBD38882
 Phoenix ID: BD38883

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-CONCRETE-178-179 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	02/25/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	37		%	02/25/13	AW	30 - 150 %
% TCMX	32		%	02/25/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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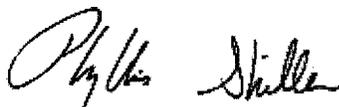
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/07/13 14:00
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38882
 Phoenix ID: BD38884

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-CONCRETE-180

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.33	mg/kg	02/25/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	02/25/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	02/25/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	02/25/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	02/25/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	02/25/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	02/25/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	02/25/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	02/25/13	AW	3540C/8082

QA/QC Surrogates

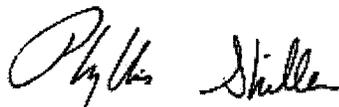
% DCBP	70		%	02/25/13	AW	30 - 150 %
% TCMX	74		%	02/25/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/07/13
 02/22/13

Time

14:04
 15:47

Laboratory Data

SDG ID: GBD38882
 Phoenix ID: BD38885

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-181-182 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	*	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	*	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/26/13	AW	3540C/8082
Total PCBs	5.9	1	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	82		%	02/26/13	AW	30 - 150 %
% TCMX	90		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclors of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/07/13 14:08
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38882
 Phoenix ID: BD38886

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-183-184 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	76		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	*	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	*	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
Total PCBs	1.8	0.21	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	44		%	02/26/13	AW	30 - 150 %
% TCMX	45		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

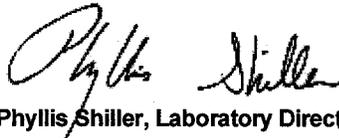
Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 28, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/07/13
 02/22/13

Time

14:10
 15:47

Laboratory Data

SDG ID: GBD38882
 Phoenix ID: BD38887

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-185

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	76		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/22/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	2.9	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	1.1	mg/kg	02/26/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	81		%	02/26/13	AW	30 - 150 %
% TCMX	66		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 28, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

February 28, 2013

QA/QC Data

SDG I.D.: GBD38882

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 221907, QC Sample No: BD38890 (BD38882, BD38883, BD38884, BD38885, BD38886, BD38887)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	78			80	76	5.1	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	75			85	84	1.2	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	82	85			81	77	5.1	30 - 150	30
% TCMX (Surrogate Rec)	67	74			79	77	2.6	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

Phyllis Shiller, Laboratory Director
 February 28, 2013

Thursday, February 28, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBD38882 - FOPCBTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR
Project Location: CENTRAL HIGH SCHOOL **Project Number:**
Laboratory Sample ID(s): BD38882, BD38883, BD38884, BD38885, BD38886, BD38887
Sampling Date(s): 2/7/2013

RCP Methods Used:

1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

R. Makol

Date: Thursday, February 28, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

February 28, 2013

SDG I.D.: GBD38882

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 02/26/13-1 (BD38882, BD38884, BD38887)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/26/2013

Instrument: Au-ecd24 02/25/13-1 (BD38883, BD38884)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/25/2013

Instrument: Au-ecd7 02/26/13-1 (BD38885, BD38886)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 2/26/2013

QC (Batch Specific)

——— Sample No: BD38890, QA/QC Batch: 221907 ———

All LCS recoveries were within 40 - 140 with the following exceptions: None.

Temperature Narration



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RCP Certification Report

February 28, 2013

SDG I.D.: GBD38882

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)

6 WCTA



FUSS & O'NEILL
 (860) 646-2469 • www.FandO.com

- 146 Hartford Road, Manchester, CT 06040
- 317 Iron Horse Way, Suite 204, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 26990

PROJECT NAME: **Central High School**
 PROJECT LOCATION: **Bridgeport CT**
 PROJECT NUMBER: **2010793.AZE**

REPORT TO: **Kevin McCarthy / Karm Red Field.**
 ANALYSIS REQUEST: **Asphalt**

INVOICE TO: **Central High School**

P.O. NO.: **20110793.AZE**

Sampler's Signature: *[Signature]* Date: **2/13/13**

Source Codes: PW=Potable Water T=Treatment Facility S=Soil B=Sediment
 MW=Monitoring Well W=Waste A=Air C=Concrete
 SW=Surface Water ST=Stormwater
 X=Other **Adjacent Ground Surfaces (Soil, Asphalt)**

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
176	✓	✓	✓	✓	-ECC-AG-Concrete-176	X	2/7/13	1:52
177	✓	✓	✓	✓	-ECC-AG-Concrete-177	X	2/7/13	1:54
178	✓	✓	✓	✓	-ECC-AG-Concrete-178	X	2/7/13	1:56
179	✓	✓	✓	✓	-ECC-AG-Concrete-179	X	2/7/13	1:58
180	✓	✓	✓	✓	-ECC-AG-Concrete-180	X	2/7/13	2:00
181	✓	✓	✓	✓	-ECC-AG-Soil-181	X	2/7/13	2:02
182	✓	✓	✓	✓	-ECC-AG-Soil-182	X	2/7/13	2:04
183	✓	✓	✓	✓	-ECC-AG-Soil-183	X	2/7/13	2:06
184	✓	✓	✓	✓	-ECC-AG-Soil-184	X	2/7/13	2:08
185	✓	✓	✓	✓	-ECC-AG-Soil-185	X	2/7/13	2:10

Other	Soil VOA Val. □ methanol □ Na ₂ S ₂ O ₈	Soil VOA Val. □ water □ Na ₂ S ₂ O ₈	Glass Soil Container (1 or 2 oz)	Other	Water VOA Val. □ As is □ HCl □ H ₂ SO ₄	Glass Amber () ml □ As is □ H ₂ SO ₄	Plastic - As is □ 250 ml □ 500 ml □ 1000 ml	Plastic - H ₂ SO ₄ □ 250 ml □ 500 ml	Plastic - NaOH, 250 ml □ Filtered □ 0.45 μ □ 10 μ	Comments
										Composite
										Composite
										Discrete
										Composite
										Discrete

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions: □ CT Tax Exempt □ QA/QC □ Other
1	J Blun	F + G Fridge	2/13/13	9:08	□ Duplicates □ Blanks (Item Nos:)
2	F + G Fridge	S Blun	2/24/13	10:48	Reporting and Detection Limit Requirements: □ RCP Deliverables □ MCP CAM Cert.
3	S Blun	Ka Blun	2/22/13	10:48	Additional Comments: Composite samples < 0.5 ppm / Discrete < 1 ppm
4	Ka Blun	J Blun	2/23/13	15:17	Soil 181 to 182 / Soil 183 to 184



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/09/13
 02/22/13

Time

14:12
 15:47

Laboratory Data

SDG ID: GBD38922
 Phoenix ID: BD38922

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-186-187 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	77		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	12	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	87		%	02/27/13	AW	30 - 150 %
% TCMX	96		%	02/27/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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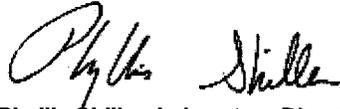
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

02/09/13
02/22/13

Time

14:18
15:47

Laboratory Data

SDG ID: GBD38922
Phoenix ID: BD38923

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL-188-189 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	*	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	*	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/26/13	AW	3540C/8082
Total PCBs	2.6	0.2	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	63		%	02/26/13	AW	30 - 150 %
% TCMX	81		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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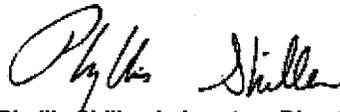
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/09/13
 02/22/13

Time

14:22
 15:47

Laboratory Data

SDG ID: GBD38922
 Phoenix ID: BD38924

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-190-191 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	77		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	*	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	*	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
Total PCBs	1.2	0.21	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	67		%	02/26/13	AW	30 - 150 %
% TCMX	83		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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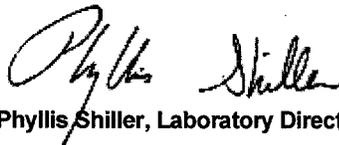
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclors of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

Time

02/09/13 14:26
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38922
 Phoenix ID: BD38925

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-192-193 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	75		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	7.7	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	1.1	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	82		%	02/26/13	AW	30 - 150 %
% TCMX	96		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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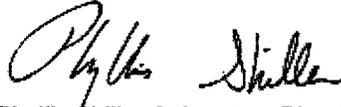
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

02/09/13
 02/22/13

Time

14:29
 15:47

Laboratory Data

SDG ID: GBD38922
 Phoenix ID: BD38926

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL-194-195 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	77		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1248	1.5	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1254	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	02/26/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	76		%	02/26/13	AW	30 - 150 %
% TCMX	89		%	02/26/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time

02/07/13 14:32
02/22/13 15:47

Laboratory Data

SDG ID: GBD38953
Phoenix ID: BD38958

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-196-197 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	1.4	0.19	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	92		%	02/27/13	AW	30 - 150 %
% TCMX	61		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-196-197 COMP

Phoenix I.D.: BD38958

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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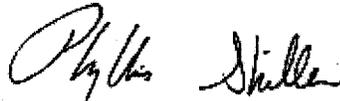
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/07/13 14:36
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38953
 Phoenix ID: BD38959

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201202061203-ECC-AG-SOIL-198-199 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	1.4	0.2	mg/kg	02/27/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	80		%	02/27/13	AW	30 - 150 %
% TCMX	76		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-198-199 COMP

Phoenix I.D.: BD38959

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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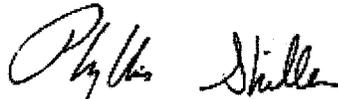
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date: 02/07/13 14:40
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38953
 Phoenix ID: BD38960

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201202061203-ECC-AG-SOIL-200-201 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	74		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	6	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1.1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	81		%	02/27/13	AW	30 - 150 %
% TCMX	78		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-200-201 COMP

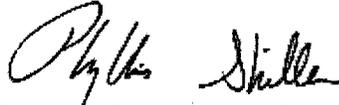
Phoenix I.D.: BD38960

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/07/13 14:44
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38953
 Phoenix ID: BD38961

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201202061203-ECC-AG-SOIL-202-203 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	74		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	PB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	*	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	*	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
Total PCBs	2	0.22	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	76		%	02/27/13	AW	30 - 150 %
% TCMX	81		%	02/27/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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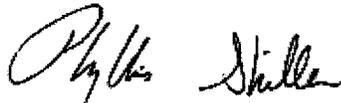
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

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Phyllis Shiller, Laboratory Director
March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 05, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/07/13 14:48
 02/22/13 15:47

Laboratory Data

SDG ID: GBD38953
 Phoenix ID: BD38962

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201202061203-ECC-AG-SOIL-204-205 COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	73		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/25/13	BB/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	15	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1.1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1.1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82		%	02/27/13	AW	30 - 150 %
% TCMX	81		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201202061203-ECC-AG-SOIL-204-205 COMP

Phoenix I.D.: BD38962

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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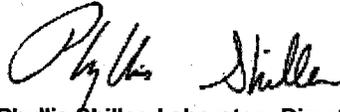
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 05, 2013

Reviewed and Released by: Rashmi Makol, Project Manager

Composite

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- 78 Interstate Drive, West Springfield, MA 01089

- 50 Redfield Street, Suite 100, Boston, MA 02122
- 275 Promenade Street, Suite 350, Providence, RI 02908
- 80 Washington Street, Suite 301, Foughitekepsst, NY 12601

CHAIN-OF-CUSTODY RECORD 26024

PROJECT NAME

PROJECT LOCATION

PROJECT NUMBER

LABORATORY

Central High School

20110793.A2.E

Phone nr. x

REPORT TO: Kevin McCarthy / Carron Redfield

Analysis Request

Plastic - NaOH, 250 ml	
Plastic - HNO ₃ , 250 ml	
Plastic - H ₂ SO ₄ , 250 ml	
Plastic - As ₂ S ₃ , 250 ml	
Plastic - As ₂ S ₃ , 500 ml	
Plastic - As ₂ S ₃ , 1000 ml	
Glass Amber () ml [As] [HCl]	
Glass Amber () ml [As] [H ₂ SO ₄]	
Water VOA Vial [As] [HCl]	
Water VOA Vial [As] [H ₂ SO ₄]	
Other	
Glass Soil Container () oz	
Glass Soil Container (4) oz	
Glass Soil Container () oz	
Soil VOA Vial [As] [HCl]	
Soil VOA Vial [As] [H ₂ SO ₄]	
Soil VOA Vial [As] [H ₂ SO ₄] [Na ₂ SO ₃]	

INVOICE TO: P.O. NO.: 20110793.A2.E

Sampler's Signature: *[Signature]* Date: 2/13/13

Source Codes: MW=Monitoring Well PW=Potable Water S=Soil W=Waste
 SW=Surface Water T=Treatment Facility B=Sediment A=Air

X=Other adjacent ground surfaces (soil, asphalt, concrete)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Comments
	1	2	3	4					
196	✓	✓	✓	✓	-ECC-AG-Soil-196	X	2/17/13	2:30	Composite
197	✓	✓	✓	✓	-ECC-AG-Soil-197	X	2/17/13	2:32	Composite
198	✓	✓	✓	✓	-ECC-AG-Soil-198	X	2/17/13	2:34	Composite
199	✓	✓	✓	✓	-ECC-AG-Soil-199	X	2/17/13	2:36	Composite
200	✓	✓	✓	✓	-ECC-AG-Soil-200	X	2/17/13	2:39	Composite
201	✓	✓	✓	✓	-ECC-AG-Soil-201	X	2/17/13	2:40	Composite
202	✓	✓	✓	✓	-ECC-AG-Soil-202	X	2/17/13	2:42	Composite
203	✓	✓	✓	✓	-ECC-AG-Soil-203	X	2/17/13	2:44	Composite
204	✓	✓	✓	✓	-ECC-AG-Soil-204	X	2/17/13	2:46	Composite
205	✓	✓	✓	✓	-ECC-AG-Soil-205	X	2/17/13	2:48	Composite

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	J Blum	F to Fridge	2/10/13	10:15	Composite Samples < 0.5 PPM
2	F to Fridge	J Blum	2/22/13	10:45	Additional Comments: ECC-AG-Soil-196 to 197 / Soil 198 to 199
3	J Blum	Keates G.	2/22/13	10:48	Soil 200 to 201 / Soil 202 to 203 / Soil 204 to 205
4	Keates G.	Keates G.	2/22/13	10:48	



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date

02/07/13
 02/22/13

Time

14:52
 15:47

Laboratory Data

SDG ID: GBD39000
 Phoenix ID: BD39005

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG SOIL 206-207

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	4.3	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	101		%	02/27/13	AW	30 - 150 %
% TCMX	91		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG SOIL 206-207

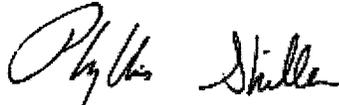
Phoenix I.D.: BD39005

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time

02/07/13 14:56
 02/22/13 15:47

Laboratory Data

SDG ID: GBD39000
 Phoenix ID: BD39006

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG-SOIL 208-209

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	75		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	1.6	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.22	mg/kg	02/27/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	98		%	02/27/13	AW	30 - 150 %
% TCMX	80		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG-SOIL 208-209

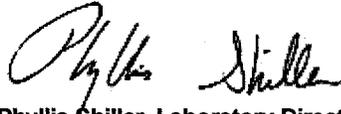
Phoenix I.D.: BD39006

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date

02/07/13
 02/22/13

Time

15:00
 15:47

Laboratory Data

SDG ID: GBD39000
 Phoenix ID: BD39007

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG SOIL 210-211

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	1.2	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	108		%	02/27/13	AW	30 - 150 %
% TCMX	76		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG SOIL 210-211

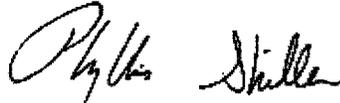
Phoenix I.D.: BD39007

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/07/13 15:04
 02/22/13 15:47

Laboratory Data

SDG ID: GBD39000
 Phoenix ID: BD39008

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG SOIL 212-213

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1221	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1232	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1242	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1248	4.9	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1254	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1260	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1262	ND	1	mg/kg	02/28/13	AW	3540C/8082
PCB-1268	ND	1	mg/kg	02/28/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	86		%	02/28/13	AW	30 - 150 %
% TCMX	108		%	02/28/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG SOIL 212-213

Phoenix I.D.: BD39008

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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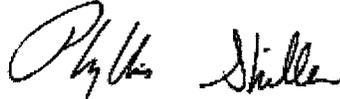
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 04, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 02/07/13 15:08
 02/22/13 15:47

Laboratory Data

SDG ID: GBD39000
 Phoenix ID: BD39009

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201302061203-ECC-AG SOIL 214-215

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	02/23/13	JL	E160.3
Extraction for PCB	Completed			02/26/13	BP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.99	mg/kg	02/27/13	AW	3540C/8082
PCB-1221	ND	0.99	mg/kg	02/27/13	AW	3540C/8082
PCB-1232	ND	0.99	mg/kg	02/27/13	AW	3540C/8082
PCB-1242	ND	0.99	mg/kg	02/27/13	AW	3540C/8082
PCB-1248	6.8	0.99	mg/kg	02/27/13	AW	3540C/8082
PCB-1254	ND	0.99	mg/kg	02/27/13	AW	3540C/8082
PCB-1260	ND	0.99	mg/kg	02/27/13	AW	3540C/8082
PCB-1262	ND	0.99	mg/kg	02/27/13	AW	3540C/8082
PCB-1268	ND	0.99	mg/kg	02/27/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	92		%	02/27/13	AW	30 - 150 %
% TCMX	88		%	02/27/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201302061203-ECC-AG SOIL 214-215

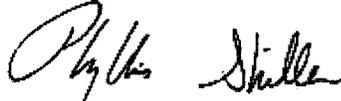
Phoenix I.D.: BD39009

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

March 04, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

March 04, 2013

QA/QC Data

SDG I.D.: GBD39000

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 222094, QC Sample No: BD38987 (BD39000, BD39001)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	75	78	3.9				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	81	83	2.4				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	101	103	103	0.0				30 - 150	30
% TCMX (Surrogate Rec)	84	82	83	1.2				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QA/QC Batch 222095, QC Sample No: BD39009 (BD39002, BD39003, BD39004, BD39005, BD39006, BD39007, BD39008, BD39009)

Polychlorinated Biphenyls - Soil

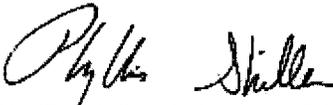
PCB-1016	ND	75	79	5.2				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	78	80	2.5				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	79	82	82	0.0				30 - 150	30
% TCMX (Surrogate Rec)	78	77	78	1.3				30 - 150	30

Comment:

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


 Phyllis Shiller, Laboratory Director
 March 04, 2013

Monday, March 04, 2013

Requested Criteria: None

State: CT

SampNo Acode

Phoenix Analyte

Criteria

Result

RL

Criteria

RL
Criteria

Analysis
Units

Sample Criteria Exceedences Report

GBD39000 - FOPCBTR

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD39000, BD39001, BD39002, BD39003, BD39004, BD39005, BD39006, BD39007, BD39008, BD39009

Sampling Date(s): 2/6/2013, 2/7/2013

RCP Methods Used:

1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

Rmakol

Date: Monday, March 04, 2013

Printed Name: Rashmi Makol

Position: Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 04, 2013

SDG I.D.: GBD39000

Not all requested reporting levels were achieved due to the presence of target and non target compounds.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd8 02/27/13-1 (BD39000, BD39004, BD39005, BD39006, BD39007, BD39009)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 2/27/2013

Instrument: Au-ecd8 02/28/13-1 (BD39008)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 2/28/2013

QC Comments: QC Batch 222094 02/26/13 (BD39000, BD39001)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.

QC Comments: QC Batch 222095 02/26/13 (BD39002, BD39003, BD39004, BD39005, BD39006, BD39007, BD39008, BD39009)

* For PCBs, MS and MSD could not be reported due to PCB in the un-spiked sample.



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

March 04, 2013

SDG LD.: GBD39000

QC (Site Specific)

———— Sample No: BD39009, QA/QC Batch: 222095 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

———— Sample No: BD38987, QA/QC Batch: 222094 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 6C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/06/13
05/09/13

Time

14:05
14:14

Laboratory Data

SDG ID: GBD69913
Phoenix ID: BD69913

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-CONCRETE-03A-04A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1.1	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	85		%	05/13/13	AW	30 - 150 %
% TCMX	88		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-CONCRETE-03A-04A

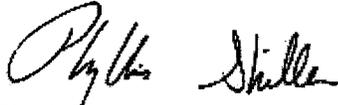
Phoenix I.D.: BD69913

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/06/13
05/09/13

Time

8:48
14:14

Laboratory Data

SDG ID: GBD69913
Phoenix ID: BD69914

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-05A-06A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1.2	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	84		%	05/13/13	AW	30 - 150 %
% TCMX	90		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-05A-06A

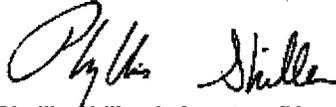
Phoenix I.D.: BD69914

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time

05/06/13 8:52
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69913
 Phoenix ID: BD69915

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-07A-08A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	*	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	*	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
Total PCBs	1.8	0.18	mg/kg	05/14/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	106		%	05/14/13	AW	30 - 150 %
% TCMX	89		%	05/14/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-07A-08A

Phoenix I.D.: BD69915

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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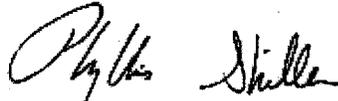
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

05/06/13
 05/09/13

Time

8:56
 14:14

Laboratory Data

SDG ID: GBD69913
 Phoenix ID: BD69916

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-09A-10A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1.4	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	101		%	05/13/13	AW	30 - 150 %
% TCMX	68		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-09A-10A

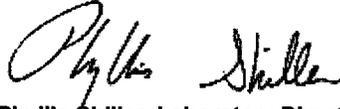
Phoenix I.D.: BD69916

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/06/13 9:00
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69913
 Phoenix ID: BD69917

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-11A-12A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.6	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	90		%	05/13/13	AW	30 - 150 %
% TCMX	77		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-11A-12A

Phoenix I.D.: BD69917

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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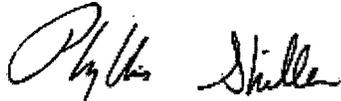
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/06/13
05/09/13

Time

9:04
14:14

Laboratory Data

SDG ID: GBD69913
Phoenix ID: BD69918

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-13A-14A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	60		%	05/13/13	AW	30 - 150 %
% TCMX	77		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-13A-14A

Phoenix I.D.: BD69918

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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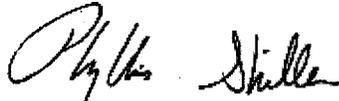
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

05/06/13
 05/09/13

Time

9:08
 14:14

Laboratory Data

SDG ID: GBD69913
 Phoenix ID: BD69919

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-15A-16A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	94		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.38	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	86		%	05/13/13	AW	30 - 150 %
% TCMX	80		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-15A-16A

Phoenix I.D.: BD69919

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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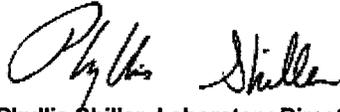
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time

05/06/13 9:12
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69913
 Phoenix ID: BD69920

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-17A-18A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	86		%	05/13/13	AW	30 - 150 %
% TCMX	88		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-17A-18A

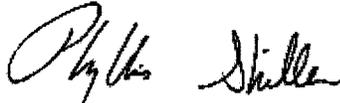
Phoenix I.D.: BD69920

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time

05/06/13 9:16
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69913
 Phoenix ID: BD69921

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-19A-20A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.53	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	98		%	05/13/13	AW	30 - 150 %
% TCMX	82		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-19A-20A

Phoenix I.D.: BD69921

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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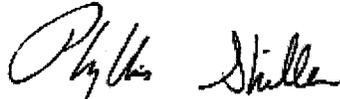
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/06/13
05/09/13

Time

9:20
14:14

Laboratory Data

SDG ID: GBD69913
Phoenix ID: BD69922

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-21A-22A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	2.2	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	94		%	05/13/13	AW	30 - 150 %
% TCMX	77		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-21A-22A

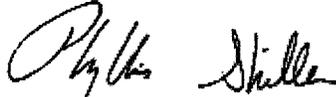
Phoenix I.D.: BD69922

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 16, 2013

QA/QC Data

SDG I.D.: GBD69913

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 229810, QC Sample No: BD69917 (BD69913, BD69914, BD69915, BD69916, BD69917, BD69918, BD69919, BD69920, BD69921, BD69922)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	79	89	11.9	96	93	3.2	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	75	82	8.9	92	90	2.2	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	92	86	92	6.7	88	85	3.5	30 - 150	30
% TCMX (Surrogate Rec)	79	75	90	18.2	85	81	4.8	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

Phyllis Shiller
 Phyllis Shiller, Laboratory Director
 May 16, 2013

Sample Criteria Exceedences Report

Requested Criteria: None

GBD69913 - FOPCBTR

State: CT

Phoenix Analyte

Criteria

Result

RL

Criteria

RL Analysis
Criteria Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD69913, BD69914, BD69915, BD69916, BD69917, BD69918, BD69919, BD69920, BD69921, BD69922

Sampling Date(s): 5/6/2013

RCP Methods Used:

1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

Kathleen Cressia

Date: Thursday, May 16, 2013

Printed Name: Kathleen Cressia

Position: QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 16, 2013

SDG I.D.: GBD69913

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd3 05/13/13-1 (BD69913, BD69914, BD69916, BD69917, BD69918, BD69919, BD69920, BD69921, BD69922)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/13/2013

Instrument: Au-ecd6 05/14/13-1 (BD69915)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/14/2013

QC (Site Specific)

———— Sample No: BD69917, QA/QC Batch: 229810 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.



Environmental Laboratories, Inc.

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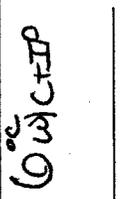
RCP Certification Report

May 16, 2013

SDG I.D.: GBD69913

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



78 Interstate Drive, West Springfield, MA 01089
 317 Iron Horse Way, Suite 204, Providence, RI 02908
 80 Washington Street, Suite 301, Poughkeepsie, NY

146 Hartford Road, Manchester, CT 06040
 56 Quarry Road, Trumbull, CT 06611
 1419 Richland Street, Columbia, SC 29201

FUSS & O'NEILL
 (860) 646-2469 • www.FandO.com

CHAIN-OF-CUSTODY RECORD 28395

PROJECT NAME

Central High School Bridgeport, CT

PROJECT NUMBER

20110793.A2E

PROJECT LOCATION

Bridgeport, CT

LABORATORY

Phoenix

Analysis Request

REPORT TO: Kevin McElrath / Karen Redfield

INVOICE TO:

P.O. No.: 20110793.A2E

Sampler's Signature: *Jade Blum* Date: 5-7-13

Source Codes: MW=Monitoring Well FW=Potable Water T=Treatment Facility S=Soil B=Sediment
 SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete
 X=Other *Adjacent ground (soil, concrete)*

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request	Comments
	1	2	3	4						
1	✓	✓	✓	✓	201305021203	X	5-6-13	1400	✓	adjacent 12 in dia
2	✓	✓	✓	✓	-ECC-AG-concrete-03A	X	5-6-13	1405	✓	adjacent 12 in dia
3	✓	✓	✓	✓	-ECC-AG-concrete-04A	X	5-2-13	845	✓	
4	✓	✓	✓	✓	-ECC-AG-soil-05A	X	5-2-13	848	✓	
5	✓	✓	✓	✓	-ECC-AG-soil-06A	X	5-2-13	850	✓	
6	✓	✓	✓	✓	-ECC-AG-soil-07A	X	5-2-13	852	✓	
7	✓	✓	✓	✓	-ECC-AG-soil-08A	X	5-2-13	854	✓	
8	✓	✓	✓	✓	-ECC-AG-soil-09A	X	5-2-13	856	✓	
9	✓	✓	✓	✓	-ECC-AG-soil-10A	X	5-2-13	858	✓	
10	✓	✓	✓	✓	-ECC-AG-soil-11A	X	5-2-13	900	✓	

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions:
1	J. Blum	F + O Fridge	5-8-13	1545	<input type="checkbox"/> CT Tax Exempt <input type="checkbox"/> QA/QC <input type="checkbox"/> Other
2	F + O Fridge	B. Blum	5-9	1230	<input type="checkbox"/> Duplicates <input type="checkbox"/> Blanks (Item Nos:)
3	B. Blum	Thomas Dunbar	5-9-13	1235	Reporting and Detection Limit Requirements: <input type="checkbox"/> RCP Deliverables <input type="checkbox"/> MCP CAM Cert.
4	Thomas Dunbar	J. Blum	5-9-13	1414	Additional Comments: composite AG samples L.O.S. P.P.M. composite ECC-AG-concrete-03A-04A / soil-05A-06A soil-07A-08A / soil-09A-10A / soil-11A-12A



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 05/02/13 9:24
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69923
 Phoenix ID: BD69923

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-23A 24 A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.23	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	98		%	05/13/13	AW	30 - 150 %
% TCMX	75		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-23A 24 A COMP

Phoenix I.D.: BD69923

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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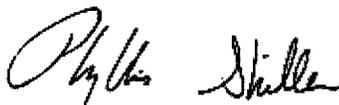
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date

05/02/13
 05/09/13

Time

9:34
 14:14

Laboratory Data

SDG ID: GBD69923
 Phoenix ID: BD69924

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-25A 26A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.52	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	99		%	05/13/13	AW	30 - 150 %
% TCMX	72		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-25A 26A COMP

Phoenix I.D.: BD69924

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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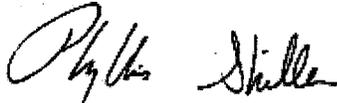
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 05/02/13 9:36
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69923
 Phoenix ID: BD69925

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-27A 28A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.48	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	88		%	05/13/13	AW	30 - 150 %
% TCMX	76		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-27A 28A COMP

Phoenix I.D.: BD69925

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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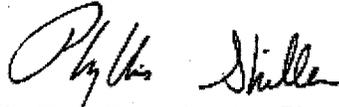
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 05/02/13 9:40
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69923
 Phoenix ID: BD69926

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-29A 30A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1.3	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	97		%	05/13/13	AW	30 - 150 %
% TCMX	86		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-29A 30A COMP

Phoenix I.D.: BD69926

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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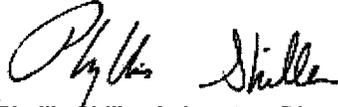
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 05/02/13 9:44
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69923
 Phoenix ID: BD69927

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-31A 32A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	1.4	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	100		%	05/14/13	PL	30 - 150 %
% TCMX	77		%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-31A 32A COMP

Phoenix I.D.: BD69927

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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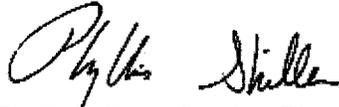
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 05/02/13 9:48
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69923
 Phoenix ID: BD69928

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-33A 34A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	1.6	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	89		%	05/14/13	PL	30 - 150 %
% TCMX	87		%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-33A 34A COMP

Phoenix I.D.: BD69928

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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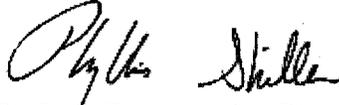
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date

05/02/13
 05/09/13

Time

9:50
 14:14

Laboratory Data

SDG ID: GBD69923
 Phoenix ID: BD69929

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-35A 36A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	0.6	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	91		%	05/14/13	PL	30 - 150 %
% TCMX	76		%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-35A 36A COMP

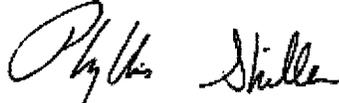
Phoenix I.D.: BD69929

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date Time
05/02/13 9:52
05/09/13 14:14

Laboratory Data

SDG ID: GBD69923
Phoenix ID: BD69930

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-37A 38 A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	1.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	1.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	1.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	1.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	3.6	1.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	1.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	1.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	1.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	1.9	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	Diluted Out		%	05/14/13	PL	30 - 150 %
% TCMX	Diluted Out		%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-37A 38 A COMP

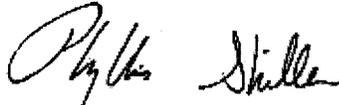
Phoenix I.D.: BD69930

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 05/02/13 9:56
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69923
 Phoenix ID: BD69931

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-39A 40 A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	2	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	2	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	2	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	2	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	4.3	2	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	2	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	2	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	2	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	2	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	Diluted Out		%	05/14/13	PL	30 - 150 %
% TCMX	Diluted Out		%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-39A 40 A COMP

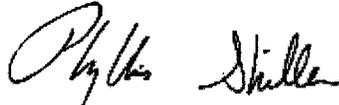
Phoenix I.D.: BD69931

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 05/02/13 10:00
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69923
 Phoenix ID: BD69932

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-41A 42A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	0.91	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	84		%	05/14/13	AW	30 - 150 %
% TCMX	69		%	05/14/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-41A 42A COMP

Phoenix I.D.: BD69932

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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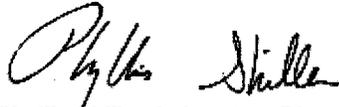
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 16, 2013

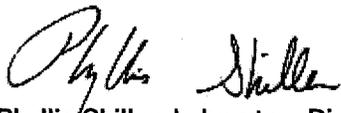
QA/QC Data

SDG I.D.: GBD69923

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 229810, QC Sample No: BD69917 (BD69923, BD69924, BD69925, BD69926, BD69927, BD69928, BD69929, BD69930, BD69931, BD69932)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	79	89	11.9	96	93	3.2	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	75	82	8.9	92	90	2.2	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	92	86	92	6.7	88	85	3.5	30 - 150	30
% TCMX (Surrogate Rec)	79	75	90	18.2	85	81	4.8	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


 Phyllis Shiller, Laboratory Director
 May 16, 2013

Thursday, May 16, 2013

Sample Criteria Exceedences Report

Requested Criteria: None

State: CT

GBD69923 - FOPCBTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD69923, BD69924, BD69925, BD69926, BD69927, BD69928, BD69929, BD69930, BD69931, BD69932

Sampling Date(s): 5/2/2013

RCP Methods Used:

1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

Kathleen Cressia

Date: Thursday, May 16, 2013

Printed Name: Kathleen Cressia

Position: QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 16, 2013

SDG LD.: GBD69923

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd24 05/14/13-1 (BD69930, BD69931, BD69932)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/14/2013

Instrument: Au-ecd3 05/13/13-1 (BD69923, BD69924, BD69925, BD69926)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/13/2013

Instrument: Au-ecd3 05/15/13-1 (BD69927, BD69928, BD69929)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/15/2013



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RCP Certification Report

May 16, 2013

SDG I.D.: GBD69923

QC (Batch Specific)

———— Sample No: BD69917, QA/QC Batch: 229810 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 6C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)



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- 1419 Richland Street, Columbia, SC 29201

- 78 Interstate Drive, West Springfield, MA 01089
- 317 Iron Horse Way, Suite 204, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY

Wojcik + JP

CHAIN-OF-CUSTODY RECORD 28400

PROJECT NAME: Central High School PROJECT LOCATION: Bridgeport, CT PROJECT NUMBER: 20110793.A2E LABORATORY: Phoenix

REPORT TO: Kevin McCarthy / Karen Redfield Analysis Request: PCBs, SVOCs, Metals

INVOICE TO: Central High School

P.O. NO.: 20110793.A2E Date: 5-7-13
 Sampler's Signature: [Signature]
 Source Codes: MW=Monitoring Well PW=Ponable Water T=Treatment Facility S=Soil B=Sediment
 SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete
 X=Other Adjacent Ground (Soil, concrete)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request	Comments
	1	2	3	4						
31	✓	✓	✓	✓	-ECC-AG-Soil-33A	X	5-2-13	942	✓	69928
32	✓	✓	✓	✓	-ECC-AG-Soil-34A	X	5-2-13	944	✓	69929
33	✓	✓	✓	✓	-ECC-AG-Soil-35A	X	5-2-13	946	✓	69930
34	✓	✓	✓	✓	-ECC-AG-Soil-36A	X	5-2-13	948	✓	69931
35	✓	✓	✓	✓	-ECC-AG-Soil-37A	X	5-2-13	950	✓	69932
36	✓	✓	✓	✓	-ECC-AG-Soil-38A	X	5-2-13	952	✓	
37	✓	✓	✓	✓	-ECC-AG-Soil-39A	X	5-2-13	954	✓	
38	✓	✓	✓	✓	-ECC-AG-Soil-40A	X	5-2-13	956	✓	
39	✓	✓	✓	✓	-ECC-AG-Soil-41A	X	5-2-13	958	✓	
40	✓	✓	✓	✓	-ECC-AG-Soil-42A	X	5-2-13	1000	✓	

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions:
1	S Bka	F to Fridge	5-8-13	1606	<input type="checkbox"/> CT Tax Exempt <input type="checkbox"/> QA/QC <input type="checkbox"/> Other
2	F to Fridge	B Hobbin	5-9	1230	<input type="checkbox"/> Duplicates <input type="checkbox"/> Blanks (Item Nos:)
3	BIT	Thommas Dubois	5-9-13	1235	Reporting and Detection Limit Requirements: <input type="checkbox"/> RCP Deliverables <input type="checkbox"/> MCP CAM Cert.
4	Thommas Dubois	S. Garcia	5-9-13	14:14	Additional Comments: composite AG samples 2015 8pm ECC-AG-Soil-33A & 34A / Soil-35A; 36A Soil-37A & 38A / Soil-39A & 40A / Soil-41A & 42A



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

05/02/13
 05/09/13

Time

10:04
 14:14

Laboratory Data

SDG ID: GBD69933
 Phoenix ID: BD69933

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-43A-44A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	0.48	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	95		%	05/14/13	AW	30 - 150 %
% TCMX	86		%	05/14/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-43A-44A

Phoenix I.D.: BD69933

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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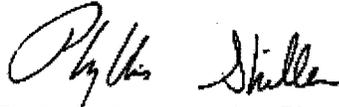
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/02/13 10:08
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69933
 Phoenix ID: BD69934

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-45A-46A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	0.43	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/14/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	78		%	05/14/13	AW	30 - 150 %
% TCMX	68		%	05/14/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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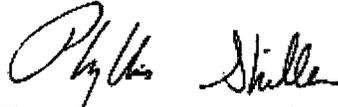
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
05/02/13 10:12
05/09/13 14:14

Laboratory Data

SDG ID: GBD69933
Phoenix ID: BD69935

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-47A-48A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	0.5	0.17	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	05/14/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	83		%	05/14/13	AW	30 - 150 %
% TCMX	78		%	05/14/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-47A-48A

Phoenix I.D.: BD69935

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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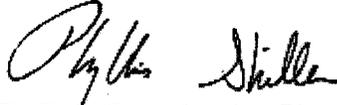
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



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- 317 Iron Horse Way, Suite 204, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY

6/5/13

CHAIN-OF-CUSTODY RECORD 27708

PROJECT NAME: Central Highschool PROJECT LOCATION: Bridgeport, CT PROJECT NUMBER: 20110793.A2.E LABORATORY: Phoenix

REPORT TO: Kevin McCarthy / Karren Redfield Analysis Request: NR3, 354c, 1082

INVOICE TO: _____

P.O. No.: 20110793.A2.E Date: 5-8-13

Sampler's Signature: Jane Blum Date: 5-8-13

Source Codes: MW=Monitoring Well PW=Portable Water T=Treatment Facility S=Soil B=Sediment
 SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete

X=Other Adjacent Ground (soil, concrete)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request	PROJECT NUMBER	LABORATORY
	1	2	3	4							
41	✓	✓	✓	✓	-ECC-AG-soil-43A	X	5-2-13	1002	✓	20110793.A2.E	Phoenix
42	✓	✓	✓	✓	-ECC-AG-soil-44A	X	5-2-13	1004	✓	20110793.A2.E	Phoenix
43	✓	✓	✓	✓	-ECC-AG-soil-45A	X	5-2-13	1006	✓	20110793.A2.E	Phoenix
44	✓	✓	✓	✓	-ECC-AG-soil-46A	X	5-2-13	1008	✓	20110793.A2.E	Phoenix
45	✓	✓	✓	✓	-ECC-AG-soil-47A	X	5-2-13	1010	✓	20110793.A2.E	Phoenix
46	✓	✓	✓	✓	-ECC-AG-soil-48A	X	5-2-13	1012	✓	20110793.A2.E	Phoenix
47	✓	✓	✓	✓	-ECC-AG-soil-106A	X	5-3-13	900	✓	20110793.A2.E	Phoenix
48	✓	✓	✓	✓	-ECC-AG-soil-107A	X	5-3-13	902	✓	20110793.A2.E	Phoenix
49	✓	✓	✓	✓	-ECC-AG-soil-108A	X	5-3-13	904	✓	20110793.A2.E	Phoenix
50	✓	✓	✓	✓	-ECC-AG-soil-109A	X	5-3-13	906	✓	20110793.A2.E	Phoenix

Comments: adjacent 12 inches down

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions:
1	J Blum	F to Fridge	5-8-13	1615	<input type="checkbox"/> CT Tax Exempt <input type="checkbox"/> QA/QC <input type="checkbox"/> Other
2	F to Fridge	B to Blum	5-9	1230	<input type="checkbox"/> Duplicates <input type="checkbox"/> Blanks (Item Nos: _____)
3	B to Blum	Shannon Dubois	5-9-13	1235	Reporting and Detection Limit Requirements: <input type="checkbox"/> RCP Deliverables <input type="checkbox"/> MCP CAM Cert.
4	Shannon Dubois	J Blum	5-9-13	14:14	Additional Comments: <u>Composite Ag samples L.O.S ppm</u> <u>Composite samples ECC-AG-soil-43A-44A / soil-45A-46A</u> <u>soil-47A-48A / soil-106A-107A / soil-108A-109A</u>



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/02/13 9:02
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69933
 Phoenix ID: BD69936

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-106A-107A

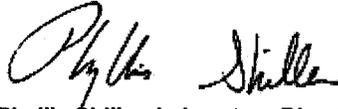
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	1.7	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	1.7	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	1.7	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	1.7	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	14	1.7	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	1.7	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	1.7	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	1.7	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	1.7	mg/kg	05/14/13	PL	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	Diluted Out		%	05/14/13	PL	30 - 150 %
% TCMX	Diluted Out		%	05/14/13	PL	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/02/13
05/09/13

Time

9:06
14:14

Laboratory Data

SDG ID: GBD69933
Phoenix ID: BD69937

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-108A-109A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.87	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.87	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.87	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.87	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	4.1	0.87	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.87	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.87	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.87	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.87	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	106		%	05/14/13	PL	30 - 150 %
% TCMX	98		%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-108A-109A

Phoenix I.D.: BD69937

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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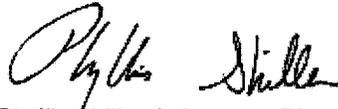
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/02/13 9:10
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69933
 Phoenix ID: BD69938

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-110A-111A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/09/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.85	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.85	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.85	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.85	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	7.5	0.85	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.85	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.85	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.85	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.85	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	105		%	05/14/13	PL	30 - 150 %
% TCMX	96		%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-110A-111A

Phoenix I.D.: BD69938

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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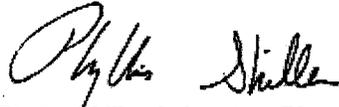
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/02/13 9:14
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69933
 Phoenix ID: BD69939

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-112A-113A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/k	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.17	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.17	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.17	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	0.58	0.17	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.17	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.17	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.17	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.17	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	82		%	05/14/13	PL	30 - 150 %
% TCMX	63		%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-112A-113A

Phoenix I.D.: BD69939

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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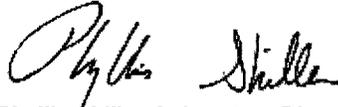
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/02/13 9:18
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69933
 Phoenix ID: BD69940

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-118A-119A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	*	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	*	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
Total PCBs	0.73	0.18	mg/kg	05/14/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	87		%	05/14/13	AW	30 - 150 %
% TCMX	80		%	05/14/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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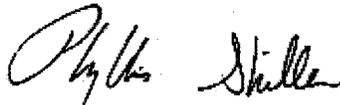
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclors of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/02/13 9:22
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69933
 Phoenix ID: BD69941

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-120A-121A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	1.1	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	85		%	05/14/13	PL	30 - 150 %
% TCMX	74		%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-120A-121A

Phoenix I.D.: BD69941

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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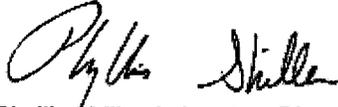
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/02/13 9:26
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69933
 Phoenix ID: BD69942

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-122A-123A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	2.2	0.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.9	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.9	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	100		%	05/14/13	PL	30 - 150 %
% TCMX	80		%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-122A-123A

Phoenix I.D.: BD69942

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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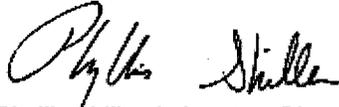
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 16, 2013

QA/QC Data

SDG I.D.: GBD69933

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 229820, QC Sample No: BD69935 (BD69933, BD69934, BD69935, BD69936, BD69937, BD69938, BD69939, BD69940, BD69941, BD69942)									
Polychlorinated Biphenyls									
PCB-1016		83	82	1.2				40 - 140	30
PCB-1221								40 - 140	30
PCB-1232								40 - 140	30
PCB-1242								40 - 140	30
PCB-1248								40 - 140	30
PCB-1254								40 - 140	30
PCB-1260		84	80	4.9				40 - 140	30
PCB-1262								40 - 140	30
PCB-1268								40 - 140	30
% DCBP (Surrogate Rec)		74	73	1.4				30 - 150	30
% TCMX (Surrogate Rec)		77	80	3.8				30 - 150	30

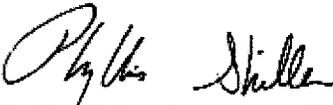
Comment:

Due to prep error, blank could not be reported for this batch

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


 Phyllis Shiller, Laboratory Director
 May 16, 2013

Thursday, May 16, 2013

Sample Criteria Exceedences Report

Requested Criteria: None

GBD69933 - FOPCBTR

State: CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD69933, BD69934, BD69935, BD69936, BD69937, BD69938, BD69939, BD69940, BD69941, BD69942

Sampling Date(s): 5/2/2013

RCP Methods Used:

- 1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

Kathleen Cressia

Date: Thursday, May 16, 2013

Printed Name: Kathleen Cressia

Position: QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 16, 2013

SDG LD.: GBD69933

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd24 05/14/13-1 (BD69933, BD69934, BD69935, BD69936, BD69937, BD69938)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/14/2013

Instrument: Au-ecd3 05/15/13-1 (BD69939, BD69941)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/15/2013

Instrument: Au-ecd5 05/13/13-1 (BD69933)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/13/2013

Instrument: Au-ecd6 05/14/13-1 (BD69940, BD69942)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 16, 2013

SDG LD.: GBD69933

Printed Name Adam Werner
Position: Chemist
Date: 5/14/2013

QC Comments: QC Batch 229820 05/09/13 (BD69933, BD69934, BD69935, BD69936, BD69937, BD69938, BD69939, BD69940, BD69941, BD69942)

Due to prep error, blank could not be reported for this batch

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

QC (Site Specific)

———— Sample No: BD69935, QA/QC Batch: 229820 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)

603c + JF

146 Hartford Road, Manchester, CT 06040
 56 Quarry Road, Trumbull, CT 06611
 1419 Richland Street, Columbia, SC 29201

FUSS & O'NEILL
 (860) 646-2469 • www.FandO.com

78 Interstate Drive, West Springfield, MA 01089
 317 Iron Horse Way, Suite 204, Providence, RI 02908
 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 27709

PROJECT NAME: **Central Highschool** PROJECT LOCATION: **Bridgewater, CT** PROJECT NUMBER: **20110793.A2E** LABORATORY: **Phoenix**

REPORT TO: **Kevin McCarthy / karron Redfield** ANALYSIS REQUEST: **PCBS 3540, 1288**

INVOICE TO: **Central Highschool**

P.O. NO.: **20110793.A2E** DATE: **5-8-13**

SAMPLER'S SIGNATURE: *[Signature]* DATE: **5-8-13**

SOURCE CODES: MW=Monitoring Well, FW=Potable Water, T=Treatment Facility, S=Soil, B=Sediment
 SW=Surface Water, ST=Stormwater, W=Waste, A=Air, C=Concrete
 X=Other **adjacent ground (soil, concrete)**

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Comments
	1	2	3	4					
51	✓	✓	✓	✓	-ECC-AG-Soil-110A	X	5-3-13	908	adjacent 12 increased down
52	✓	✓	✓	✓	-ECC-AG-Soil-111A	X	5-3-13	910	
53	✓	✓	✓	✓	-ECC-AG-Soil-112A	X	5-3-13	912	
54	✓	✓	✓	✓	-ECC-AG-Soil-113A	X	5-3-13	914	
55	✓	✓	✓	✓	-ECC-AG-Soil-118A	X	5-3-13	916	
56	✓	✓	✓	✓	-ECC-AG-Soil-119A	X	5-3-13	918	
57	✓	✓	✓	✓	-ECC-AG-Soil-120A	X	5-3-13	920	
58	✓	✓	✓	✓	-ECC-AG-Soil-121A	X	5-3-13	922	
59	✓	✓	✓	✓	-ECC-AG-Soil-122A	X	5-3-13	924	
60	✓	✓	✓	✓	-ECC-AG-Soil-123A	X	5-3-13	926	

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions:
1	J Blon	F to Fridge	5-8-13	1625	<input type="checkbox"/> CT Tax Exempt <input type="checkbox"/> QA/QC <input type="checkbox"/> Other
2	F to Fridge	[Signature]	5-9-13	1230	<input type="checkbox"/> Duplicates <input type="checkbox"/> Blanks (Item Nos:)
3	[Signature]	[Signature]	5-9-13	1235	Reporting and Detection Limit Requirements: <input type="checkbox"/> RCP Deliverables <input type="checkbox"/> MCP CAM Cert.
4	[Signature]	[Signature]	5-9-13	1414	Additional Comments: composite AG samples < 0.5 ppm composite samples ECC-AG-Soil-110A & 111A Soil-112A & 113A / Soil-118A & 119A / Soil-120A & 121A / Soil-122A & 123A



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 05/03/13 9:30
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69943
 Phoenix ID: BD69943

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-124A 125A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/13/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	1.7	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	84		%	05/14/13	PL	30 - 150 %
% TCMX	71		%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-124A 125A COMP

Phoenix I.D.: BD69943

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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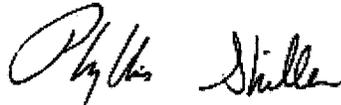
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 05/03/13 9:34
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69943
 Phoenix ID: BD69944

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-126A 127A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.94	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.94	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.94	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.94	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	3.6	0.94	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	ND	0.94	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.94	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.94	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.94	mg/kg	05/14/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	97		%	05/14/13	AW	30 - 150 %
% TCMX	105		%	05/14/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-126A 127A COMP

Phoenix I.D.: BD69944

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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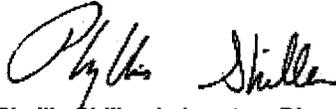
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 05/03/13 9:38
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69943
 Phoenix ID: BD69945

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-128A 129A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.82	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	90		%	05/13/13	AW	30 - 150 %
% TCMX	75		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-128A 129A COMP

Phoenix I.D.: BD69945

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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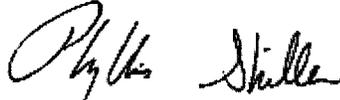
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

05/03/13
05/09/13

Time

9:42
14:14

Laboratory Data

SDG ID: GBD69943
Phoenix ID: BD69946

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-130A 131A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.84	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	86		%	05/13/13	AW	30 - 150 %
% TCMX	79		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-130A 131A COMP

Phoenix I.D.: BD69946

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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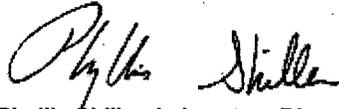
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 05/03/13 9:46
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69943
 Phoenix ID: BD69947

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-132A 133 A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	2.1	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	97		%	05/14/13	PL	30 - 150 %
% TCMX	83		%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-132A 133 A COMP

Phoenix I.D.: BD69947

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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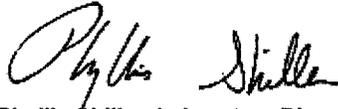
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

05/03/13
05/09/13

Time

9:50
14:14

Laboratory Data

SDG ID: GBD69943
Phoenix ID: BD69948

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-134A 135 A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1.5	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	83		%	05/13/13	AW	30 - 150 %
% TCMX	64		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-134A 135 A COMP

Phoenix I.D.: BD69948

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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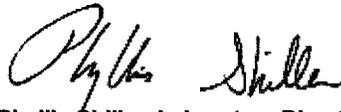
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time

05/03/13 9:54
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69943
 Phoenix ID: BD69949

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-136A 137 A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1.3	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	91		%	05/13/13	AW	30 - 150 %
% TCMX	71		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-136A 137 A COMP

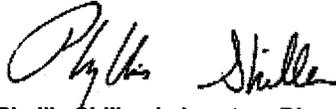
Phoenix I.D.: BD69949

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 05/03/13 9:58
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69943
 Phoenix ID: BD69950

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-138A 139A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1.8	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/13/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	83		%	05/13/13	AW	30 - 150 %
% TCMX	67		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-138A 139A COMP

Phoenix I.D.: BD69950

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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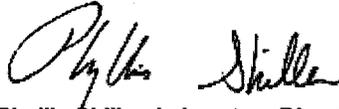
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 05/03/13 10:02
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69943
 Phoenix ID: BD69951

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-140A 141A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1.7	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	87		%	05/13/13	AW	30 - 150 %
% TCMX	73		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-140A 141A COMP

Phoenix I.D.: BD69951

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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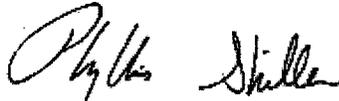
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time

05/03/13 10:06
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69943
 Phoenix ID: BD69952

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-156A 157A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	0.28	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	107		%	05/13/13	AW	30 - 150 %
% TCMX	71		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-156A 157A COMP

Phoenix I.D.: BD69952

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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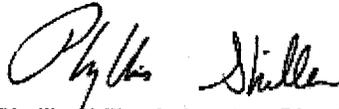
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 16, 2013

QA/QC Data

SDG I.D.: GBD69943

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 229820, QC Sample No: BD69935 (BD69944, BD69945, BD69946, BD69947, BD69948, BD69949, BD69950, BD69951, BD69952)									
Polychlorinated Biphenyls									
PCB-1016		83	82	1.2				40 - 140	30
PCB-1221								40 - 140	30
PCB-1232								40 - 140	30
PCB-1242								40 - 140	30
PCB-1248								40 - 140	30
PCB-1254								40 - 140	30
PCB-1260		84	80	4.9				40 - 140	30
PCB-1262								40 - 140	30
PCB-1268								40 - 140	30
% DCBP (Surrogate Rec)		74	73	1.4				30 - 150	30
% TCMX (Surrogate Rec)		77	80	3.8				30 - 150	30

Comment:

Due to prep error, blank could not be reported for this batch

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

QA/QC Batch 230065, QC Sample No: BD70926 (BD69943)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	83	82	1.2	86	82	4.8	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	92	88	4.4	95	90	5.4	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	82	86	87	1.2	90	86	4.5	30 - 150	30
% TCMX (Surrogate Rec)	76	84	82	2.4	87	81	7.1	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

Phyllis Shiller
 Phyllis Shiller, Laboratory Director
 May 16, 2013

Thursday, May 16, 2013

Requested Criteria: None

State: CT

SampNo Acode Phoenix Analyte

Criteria

Result

RL

Criteria

RL Analysis
Criteria Units

Sample Criteria Exceedences Report

GBD69943 - FOPCBTR

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD69943, BD69944, BD69945, BD69946, BD69947, BD69948, BD69949, BD69950, BD69951, BD69952

Sampling Date(s): 5/3/2013

RCP Methods Used:

- 1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only. Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

Kathleen Cressia

Date: Thursday, May 16, 2013

Printed Name: Kathleen Cressia

Position: QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 16, 2013

SDG I.D.: GBD69943

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd24 05/13/13-1 (BD69948, BD69949, BD69950, BD69951)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/13/2013

Instrument: Au-ecd24 05/14/13-1 (BD69943)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/14/2013

Instrument: Au-ecd3 05/13/13-1 (BD69945, BD69946)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/13/2013

Instrument: Au-ecd6 05/14/13-1 (BD69944, BD69947)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none



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RCP Certification Report

May 16, 2013

SDG I.D.: GBD69943

Printed Name Adam Werner
Position: Chemist
Date: 5/14/2013

Instrument: Au-ecd8 05/13/13-1 (BD69952)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/13/2013

QC Comments: QC Batch 229820 05/09/13 (BD69944, BD69945, BD69946, BD69947, BD69948, BD69949, BD69950, BD69951, BD69952)

Due to prep error, blank could not be reported for this batch

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

QC (Batch Specific)

———— Sample No: BD69935, QA/QC Batch: 229820 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD70926, QA/QC Batch: 230065 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 6C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)



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RCP Certification Report

May 16, 2013

SDG LD.: GBD69943



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20116793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 10:10
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69953

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-158A-159A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	0.35	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	116		%	05/13/13	AW	30 - 150 %
% TCMX	76		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-158A-159A

Phoenix I.D.: BD69953

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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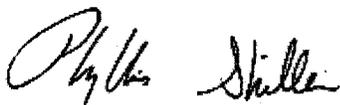
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20116793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time

05/03/13 10:14
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69954

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-160A-161A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.94	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.94	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.94	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.94	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	ND	0.94	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.94	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	6.6	0.94	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.94	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.94	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	98		%	05/13/13	AW	30 - 150 %
% TCMX	92		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-160A-161A

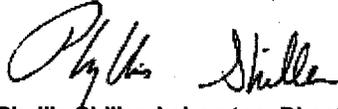
Phoenix I.D.: BD69954

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20116793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 10:18
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69955

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-162A-163A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	97		%	05/13/13	AW	30 - 150 %
% TCMX	75		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-162A-163A

Phoenix I.D.: BD69955

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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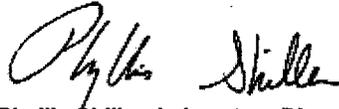
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20116793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 10:22
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69956

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-164A-165A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.94	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/13/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	82		%	05/13/13	AW	30 - 150 %
% TCMX	86		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-164A-165A

Phoenix I.D.: BD69956

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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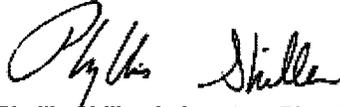
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20116793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

05/03/13
 05/09/13

Time

10:26
 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69957

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-166A-167A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1.2	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	61		%	05/13/13	AW	30 - 150 %
% TCMX	60		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-166A-167A

Phoenix I.D.: BD69957

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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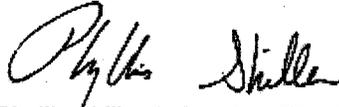
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20116793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 10:30
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69958

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-168A-169A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.5	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	85		%	05/13/13	AW	30 - 150 %
% TCMX	74		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-168A-169A

Phoenix I.D.: BD69958

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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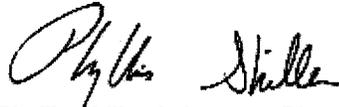
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20116793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 10:34
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69959

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-170A-171A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.49	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	74		%	05/13/13	AW	30 - 150 %
% TCMX	80		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-170A-171A

Phoenix I.D.: BD69959

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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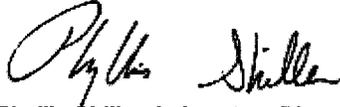
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20116793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 10:38
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69960

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-172A-173A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	0.76	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	85		%	05/14/13	PL	30 - 150 %
% TCMX	71		%	05/14/13	PL	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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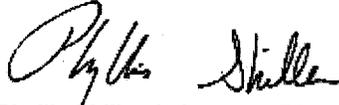
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20116793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 10:42
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69961

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-174A-175A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	0.81	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	86		%	05/14/13	PL	30 - 150 %
% TCMX	63		%	05/14/13	PL	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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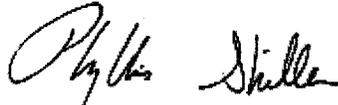
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/03/13
05/09/13

Time

8:32
14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69962

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-181A-182A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1.1	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	67		%	05/13/13	AW	30 - 150 %
% TCMX	74		%	05/13/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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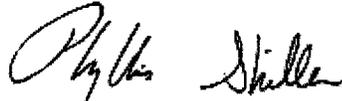
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20116793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

05/03/13
 05/09/13

Time

8:36
 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69963

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-183A-184A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	0.39	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	75		%	05/13/13	AW	30 - 150 %
% TCMX	62		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-183A-184A

Phoenix I.D.: BD69963

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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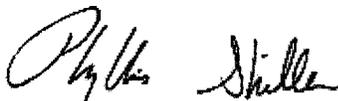
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20116793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 8:40
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69964

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-185A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	0.45	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	104		%	05/14/13	PL	30 - 150 %
% TCMX	69		%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-185A

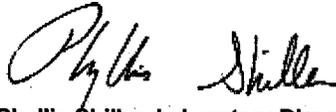
Phoenix I.D.: BD69964

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/03/13
05/09/13

Time

8:44
14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69965

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-186A-187A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	0.62	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	97		%	05/14/13	PL	30 - 150 %
% TCMX	54		%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-186A-187A

Phoenix I.D.: BD69965

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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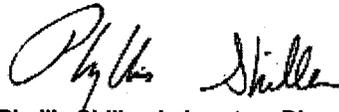
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20116793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 8:48
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69966

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-188A-189A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	0.62	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	82		%	05/14/13	PL	30 - 150 %
% TCMX	62		%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-188A-189A

Phoenix I.D.: BD69966

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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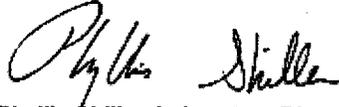
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20116793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 8:52
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69967

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-190A-191A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	1.5	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	76		%	05/14/13	AW	30 - 150 %
% TCMX	78		%	05/14/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-190A-191A

Phoenix I.D.: BD69967

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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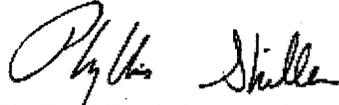
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20116793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 8:56
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69968

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-192A-193A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.91	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.91	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.91	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.91	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	3.9	0.91	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.91	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.91	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.91	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.91	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	118		%	05/14/13	PL	30 - 150 %
% TCMX	114		%	05/14/13	PL	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-192A-193A

Phoenix I.D.: BD69968

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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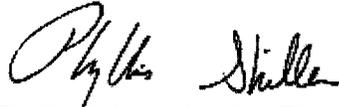
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20116793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/03/13
05/09/13

Time

9:00
14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69969

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-194A-195A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	104		%	05/13/13	AW	30 - 150 %
% TCMX	73		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-194A-195A

Phoenix I.D.: BD69969

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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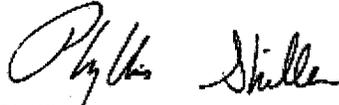
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20116793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 9:04
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69970

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-196A-197A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	0.97	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	84		%	05/14/13	AW	30 - 150 %
% TCMX	84		%	05/14/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-196A-197A

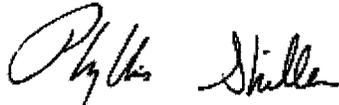
Phoenix I.D.: BD69970

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20116793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 9:08
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69971

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-198A-199A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1248	1.3	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/13/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/13/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	105		%	05/13/13	AW	30 - 150 %
% TCMX	73		%	05/13/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-198A-199A

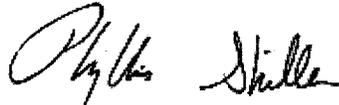
Phoenix I.D.: BD69971

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20116793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 9:12
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69972

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-200A-201A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	1.8	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/14/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	75		%	05/14/13	AW	30 - 150 %
% TCMX	82		%	05/14/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-200A-201A

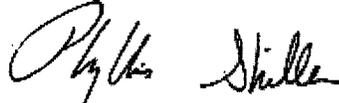
Phoenix I.D.: BD69972

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 05/06/13 9:14
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69973

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-202A 203A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	75		%	05/14/13	AW	30 - 150 %
% TCMX	82		%	05/14/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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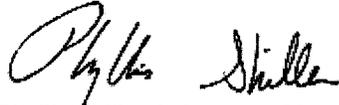
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date

05/06/13
 05/09/13

Time

9:18
 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69974

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-204A 205A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.97	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.97	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.97	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.97	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	3.2	0.97	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.97	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.97	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.97	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.97	mg/kg	05/14/13	PL	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	104		%	05/14/13	PL	30 - 150 %
% TCMX	110		%	05/14/13	PL	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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May 16, 2013

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Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 05/06/13 9:22
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69975

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-206A 207A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1248	0.41	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/14/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	72		%	05/14/13	AW	30 - 150 %
% TCMX	80		%	05/14/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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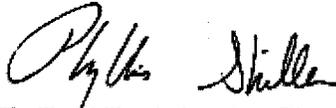
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 05/06/13 9:26
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69976

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-208A 209A COMP

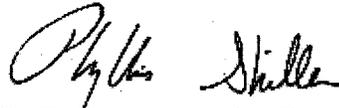
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	1.3	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	73		%	05/14/13	PL	30 - 150 %
% TCMX	81		%	05/14/13	PL	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date

05/06/13
 05/09/13

Time

9:30
 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69977

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-210A 211A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	0.75	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	76		%	05/14/13	PL	30 - 150 %
% TCMX	79		%	05/14/13	PL	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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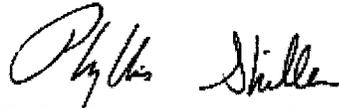
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793.A2E

Custody Information

Collected by: JB
Received by: LB
Analyzed by: see "By" below

Date

05/06/13
05/09/13

Time

9:34
14:14

Laboratory Data

SDG ID: GBD69953
Phoenix ID: BD69978

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203 ECC-AG-SOIL-212A 213A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	1.2	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	72		%	05/14/13	PL	30 - 150 %
% TCMX	73		%	05/14/13	PL	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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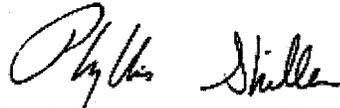
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 16, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793.A2E

Custody Information

Collected by: JB
 Received by: LB
 Analyzed by: see "By" below

Date Time
 05/06/13 9:38
 05/09/13 14:14

Laboratory Data

SDG ID: GBD69953
 Phoenix ID: BD69979

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203 ECC-AG-SOIL-214A-215A COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/10/13	JL	E160.3
Extraction for PCB	Completed			05/10/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/14/13	PL	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/14/13	PL	3540C/8082

QA/QC Surrogates

% DCBP	74		%	05/14/13	PL	30 - 150 %
% TCMX	73		%	05/14/13	PL	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 16, 2013

QA/QC Data

SDG I.D.: GBD69953

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 229999, QC Sample No: BD69954 (BD69953, BD69954, BD69955, BD69956, BD69957, BD69958, BD69959, BD69960, BD69961, BD69962, BD69963, BD69964, BD69965, BD69966, BD69967, BD69968, BD69969, BD69970, BD69971, BD69972)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	77	77	0.0				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	77	76	1.3				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	74	78	80	2.5				30 - 150	30
% TCMX (Surrogate Rec)	71	77	78	1.3				30 - 150	30

Comment:

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

QA/QC Batch 230006, QC Sample No: BD69973 (BD69973, BD69974, BD69975, BD69976, BD69977, BD69978, BD69979)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	84	81	3.6	81	87	7.1	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	71	78	9.4	81	86	6.0	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	86	81	78	3.8	78	79	1.3	30 - 150	30
% TCMX (Surrogate Rec)	88	84	76	10.0	80	81	1.2	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

Phyllis Shiller
 Phyllis Shiller, Laboratory Director
 May 16, 2013

Thursday, May 16, 2013

Sample Criteria Exceedences Report

Page 1 of 1

Requested Criteria: None

GBD69953 - FOPCBTR

State: CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD69953, BD69954, BD69955, BD69956, BD69957, BD69958, BD69959, BD69960, BD69961, BD69962, BD69963, BD69964, BD69965, BD69966, BD69967, BD69968, BD69969, BD69970, BD69971, BD69972, BD69973, BD69974, BD69975, BD69976, BD69977, BD69978, BD69979

Sampling Date(s): 5/3/2013, 5/6/2013

RCP Methods Used:

1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:

Kathleen Cressia

Date: Thursday, May 16, 2013

Printed Name: Kathleen Cressia

Position: QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 16, 2013

SDG I.D.: GBD69953

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd24 05/13/13-1 (BD69971)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/13/2013

Instrument: Au-ecd24 05/14/13-1 (BD69960, BD69961, BD69964, BD69965, BD69966, BD69968)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/14/2013

Instrument: Au-ecd3 05/13/13-1 (BD69956, BD69957, BD69958, BD69959, BD69962, BD69963)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/13/2013

Instrument: Au-ecd3 05/15/13-1 (BD69967, BD69968, BD69970, BD69972, BD69973, BD69975, BD69976, BD69977, BD69978, BD69979)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none



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RCP Certification Report

May 16, 2013

SDG I.D.: GBD69953

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/15/2013

Instrument: Au-ecd5 05/13/13-1 (BD69954)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/13/2013

Instrument: Au-ecd6 05/14/13-1 (BD69974)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/14/2013

Instrument: Au-ecd8 05/13/13-1 (BD69953, BD69955, BD69969)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/13/2013

QC Comments: QC Batch 229999 05/10/13 (BD69953, BD69954, BD69955, BD69956, BD69957, BD69958, BD69959, BD69960, BD69961, BD69962, BD69963, BD69964, BD69965, BD69966, BD69967, BD69968, BD69969, BD69970, BD69971, BD69972)

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were



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RCP Certification Report

May 16, 2013

SDG I.D.: GBD69953

within QA/QC limits.

QC (Site Specific)

———— Sample No: BD69954, QA/QC Batch: 229999 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD69973, QA/QC Batch: 230006 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)

6 Wc+IP

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 (860) 646-2469 • www.FandO.com

146 Hartford Road, Manchester, CT 06040
 56 Quary Road, Trumbull, CT 06611
 1419 Richland Street, Columbia, SC 29201

78 Interstate Drive, West Springfield, MA 01089
 317 Iron Horse Way, Suite 204, Providence, RI 02908
 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 27719

PROJECT NAME: Central High School PROJECT LOCATION: Bridgeport, CT PROJECT NUMBER: 20110793, ALE LABORATORY: Phoenix Containers

REPORT TO: Kevin McCarthy / Karson Redfield ANALYSIS REQUEST: PCBs 3540, 18082

INVOICE TO: Central High School

P.O. No.: 20110793, ALE DATE: 5-8-13

Sampler's Signature: Jane Blm
 Source Codes: MW=Monitoring Well, SW=Surface Water, X=Other adjacent ground (soil, concrete)
 T=Treatment Facility, W=Waste, S=Soil, B=Sediment
 A=Air, C=Concrete

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request	Comments
	1	2	3	4						
131	✓	✓	✓	✓	201305021203	X	5-6-13	934	✓	69978
132	✓	✓	✓	✓	-ECC-AG-soil-214A	X	5-6-13	936	✓	69979
133	✓	✓	✓	✓	-ECC-AG-soil-215A	X	5-6-13	938	✓	

Transfer Number	Relinquished By	Accepted By	Date	Time	Change Exceptions:
1	J Blm	F to Fridge	5-8-13	1659	<input type="checkbox"/> CT Test Exempt <input type="checkbox"/> QA/QC <input type="checkbox"/> Other ()
2	F to Fridge	B.H.	5-9	1230	<input type="checkbox"/> Duplicates <input type="checkbox"/> Blanks (Item Nos:)
3	B.H.	Yugoslav	5-9-13	1235	Reporting and Detection Limit Requirements: <input type="checkbox"/> RCP Deliverables <input type="checkbox"/> MCP CAM Cert.
4	Thomas	J. Giamia	5-9-13	14:14	Additional Comments: composite AG samples LO.S PPM ECC-AG-soil-212A/213A/soil-214A/215A



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/06/13 14:10
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78416
 Phoenix ID: BD78416

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-CONCRETE-03B-04B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	96		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	68		%	05/16/13	AW	30 - 150 %
% TCMX	70		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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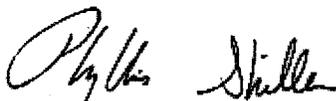
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

05/02/13 10:18
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78416
 Phoenix ID: BD78417

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-05B-06B COMP

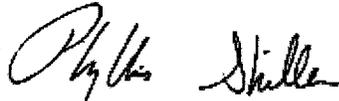
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	0.46	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	86		%	05/16/13	AW	30 - 150 %
% TCMX	86		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

05/02/13
 05/14/13

Time

10:22
 16:13

Laboratory Data

SDG ID: GBD78416
 Phoenix ID: BD78418

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-07B-08B COMP

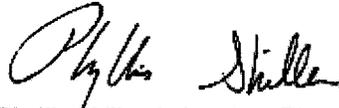
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	68		%	05/16/13	AW	30 - 150 %
% TCMX	71		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date: 05/02/13 10:26
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78416
 Phoenix ID: BD78419

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-09B-10B COMP

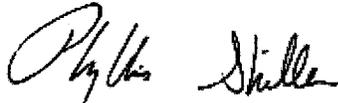
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	74		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	66		%	05/16/13	AW	30 - 150 %
% TCMX	70		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/02/13 10:30
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78416
 Phoenix ID: BD78420

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-11B-12B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	72		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	62		%	05/16/13	AW	30 - 150 %
% TCMX	78		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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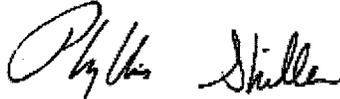
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/02/13 10:34
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78416
 Phoenix ID: BD78421

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-13B-14B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	80		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

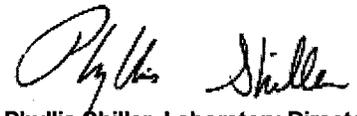
% DCBP	71		%	05/16/13	AW	30 - 150 %
% TCMX	82		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date: 05/02/13 10:38
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78416
 Phoenix ID: BD78422

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-15B-16B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	74		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	65		%	05/16/13	AW	30 - 150 %
% TCMX	82		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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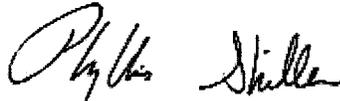
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/02/13 10:42
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78416
 Phoenix ID: BD78423

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-17B-18B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	72		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.23	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	60		%	05/16/13	AW	30 - 150 %
% TCMX	81		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-17B-18B COMP

Phoenix I.D.: BD78423

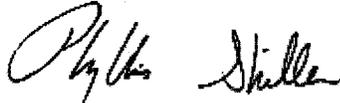
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

05/02/13
 05/14/13

Time

10:46
 16:13

Laboratory Data

SDG ID: GBD78416
 Phoenix ID: BD78424

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-19B-20B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	75		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.22	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	59		%	05/16/13	AW	30 - 150 %
% TCMX	77		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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May 20, 2013

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Environmental Laboratories, Inc.

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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

05/02/13
 05/14/13

Time

10:50
 16:13

Laboratory Data

SDG ID: GBD78416
 Phoenix ID: BD78425

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-21B-22B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	76		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.21	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	69		%	05/16/13	AW	30 - 150 %
% TCMX	81		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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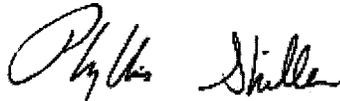
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time

05/02/13 10:54
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78416
 Phoenix ID: BD78426

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-23B-24B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	80		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

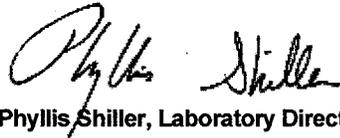
% DCBP	73		%	05/16/13	AW	30 - 150 %
% TCMX	82		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

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Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

05/02/13
 05/14/13

Time

10:58
 16:13

Laboratory Data

SDG ID: GBD78416
 Phoenix ID: BD78427

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-25B-26B COMP

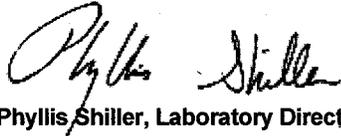
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	68		%	05/16/13	AW	30 - 150 %
% TCMX	78		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

05/02/13
 05/14/13

Time

11:02
 16:13

Laboratory Data

SDG ID: GBD78416
 Phoenix ID: BD78428

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-27B-28B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

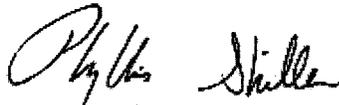
% DCBP	94		%	05/16/13	AW	30 - 150 %
% TCMX	100		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time

05/02/13 11:06
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78416
 Phoenix ID: BD78429

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-29B-30B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

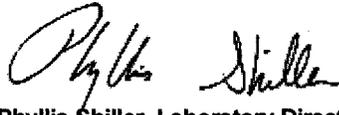
% DCBP	75		%	05/16/13	AW	30 - 150 %
% TCMX	84		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

05/02/13
 05/14/13

Time

11:10
 16:13

Laboratory Data

SDG ID: GBD78416
 Phoenix ID: BD78430

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-31B-32B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

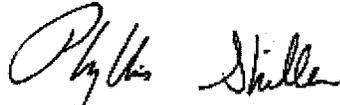
% DCBP	76		%	05/16/13	AW	30 - 150 %
% TCMX	85		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

05/02/13
 05/14/13

Time

11:14
 16:13

Laboratory Data

SDG ID: GBD78416
 Phoenix ID: BD78431

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-33B-34B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

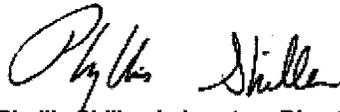
% DCBP	92		%	05/16/13	AW	30 - 150 %
% TCMX	98		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

05/02/13
 05/14/13

Time

11:18
 16:13

Laboratory Data

SDG ID: GBD78416
 Phoenix ID: BD78432

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-35B-36B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	75		%	05/16/13	AW	30 - 150 %
% TCMX	87		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/02/13 11:22
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78416
 Phoenix ID: BD78433

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-37B-38B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	72		%	05/16/13	AW	30 - 150 %
% TCMX	81		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time

05/02/13 11:26
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78416
 Phoenix ID: BD78434

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-39B-40B COMP

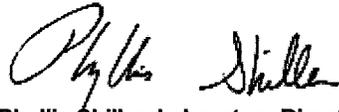
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	71		%	05/16/13	AW	30 - 150 %
% TCMX	82		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

05/02/13
 05/14/13

Time

11:30
 16:13

Laboratory Data

SDG ID: GBD78416
 Phoenix ID: BD78435

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-41B-42B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	0.68	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	81		%	05/16/13	AW	30 - 150 %
% TCMX	84		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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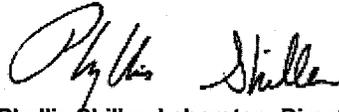
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 20, 2013

QA/QC Data

SDG I.D.: GBD78416

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 230583, QC Sample No: BD78417 (BD78417, BD78418, BD78419, BD78420, BD78421, BD78422, BD78423, BD78424, BD78425, BD78426, BD78427, BD78428, BD78429, BD78430, BD78431, BD78432, BD78433, BD78434, BD78435)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	88	92	4.4	90	89	1.1	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	84	89	5.8	78	85	8.6	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	90	89	93	4.4	84	85	1.2	30 - 150	30
% TCMX (Surrogate Rec)	83	90	94	4.3	85	87	2.3	30 - 150	30
QA/QC Batch 230584, QC Sample No: BD78438 (BD78416)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	97	87	10.9	98	94	4.2	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	99	94	5.2	104	96	8.0	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	88	85	84	1.2	88	81	8.3	30 - 150	30
% TCMX (Surrogate Rec)	77	78	65	18.2	79	78	1.3	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

Phyllis Shiller
 Phyllis Shiller, Laboratory Director
 May 20, 2013

Monday, May 20, 2013

Sample Criteria Exceedences Report

Requested Criteria: None

State: CT

GBD78416 - FOPCBTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD78416, BD78417, BD78418, BD78419, BD78420, BD78421, BD78422, BD78423, BD78424, BD78425, BD78426, BD78427, BD78428, BD78429, BD78430, BD78431, BD78432, BD78433, BD78434, BD78435

Sampling Date(s): 5/2/2013, 5/6/2013

RCP Methods Used:

- 1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

Kathleen Cressia

Date: Monday, May 20, 2013

Printed Name: Kathleen Cressia

Position: QA/QC Officer



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 20, 2013

SDG LD.: GBD78416

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes:

Instrument: Au-ecd1 05/16/13-1 (BD78416, BD78417, BD78418, BD78419, BD78420, BD78421, BD78422, BD78423, BD78424, BD78425, BD78426, BD78427, BD78428, BD78429, BD78430, BD78431, BD78432, BD78433, BD78434, BD78435)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/16/2013

QC (Site Specific)

———— Sample No: BD78417, QA/QC Batch: 230583 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

———— Sample No: BD78438, QA/QC Batch: 230584 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration



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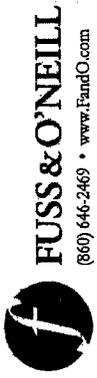
RCP Certification Report

May 20, 2013

SDG LD.: GBD78416

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)

6/11/13



146 Hartford Road, Manchester, CT 06040
 56 Quarry Road, Trumbull, CT 06611
 1419 Richland Street, Columbia, SC 29201

78 Interstate Drive, West Springfield, MA 01089
 317 Iron Horse Way, Suite 204, Providence, RI 02908
 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 27722

PROJECT NAME: Central Highschool
 PROJECT LOCATION: Bridgewater, CT
 REPORT TO: Kevin McCarthy / Karen Redfield
 INVOICE TO:
 P.O. No.: 20110793, A2E

PROJECT NUMBER:
20110793, A2E

LABORATORY:
Phoenix

Sampler's Signature: Janez Blum Date: 5-9-13
 Source Codes: MW=Monitoring Well T=Treatment Facility S=Soil B=Sediment
 SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete
 X=Other adjacent ground (concrete, soil)

Item No.	Transfer Check	Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request	Containers	Comments
1	/	201305021203	X	5-6-13	1410			Composite 03B / 004B
2	/	-ECC-AG-concrete-04B		5-6-13	1415			Composite 03B / 004B
3	/	-ECC-AG-soil-05B		5-2-13	1016			Composite 03B / 006B
4	/	-ECC-AG-soil-06B			1018			Composite 03B / 006B
5	/	-ECC-AG-soil-07B			1020			Composite 03B / 006B
6	/	-ECC-AG-soil-08B			1022			Composite 03B / 006B
7	/	-ECC-AG-soil-09B			1024			Composite 03B / 006B
8	/	-ECC-AG-soil-10B			1026			Composite 03B / 006B
9	/	-ECC-AG-soil-11B			1028			Composite 03B / 006B
10	/	-ECC-AG-soil-12B			1030			Composite 03B / 006B

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions:
1	B. Hobbins	Foo Fridge	5-10	1200	<input type="checkbox"/> CT Tax Exempt <input type="checkbox"/> QA/QC <input type="checkbox"/> Other
2	Foo Fridge	<i>[Signature]</i>	5-14-13	1000	<input type="checkbox"/> Duplicates <input type="checkbox"/> Blanks (Item Nos:)
3	<i>[Signature]</i>	<i>[Signature]</i>			Reporting and Detection Limit Requirements: <input type="checkbox"/> RCP Deliverables <input type="checkbox"/> MCP CAM Cert.
4	<i>[Signature]</i>	<i>[Signature]</i>	5/14/13	1013	Additional Comments: <u>Composite Ag samples < 0.5 ppm</u> <u>Surface soil at 5 feet from column</u>

Central

FUSS & O'NEILL
(860) 646-2469 • www.FussO.com
146 Hartford Road, Manchester, CT 06040
56 Quarry Road, Trumbull, CT 06611
1419 Richland Street, Columbia, SC 29201

78 Interstate Drive, West Springfield, MA 01089
317 Iron Horse Way, Suite 204, Providence, RI 02908
80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 27728

PROJECT NAME: Central Highschool
PROJECT LOCATION: Bridgeport, CT
LABORATORY: PhoenixPROJECT NUMBER: 20110793-A2E

REPORT TO: Kevin McCarthy / Carron Red Field
INVOICE TO:
P.O. No.: 20110793-A2E
Sampler's Signature: James Blum Date: 5-9-13
Source Codes: MW=Monitoring Well T=Treatment Facility S=Soil B=Sediment
SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete
X=Other adjacent ground (soil)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
11	/	/	/	/	201305021203 -ECC-AG-Soil-13B	X	5-2-13	1032
12	/	/	/	/	-ECC-AG-Soil-14B			1034
13	/	/	/	/	-ECC-AG-Soil-15B			1036
14	/	/	/	/	-ECC-AG-Soil-16B			1038
15	/	/	/	/	-ECC-AG-Soil-17B			1040
16	/	/	/	/	-ECC-AG-Soil-18B			1042
17	/	/	/	/	-ECC-AG-Soil-19B			1044
18	/	/	/	/	-ECC-AG-Soil-20B			1046
19	/	/	/	/	-ECC-AG-Soil-21B			1048
20	/	/	/	/	-ECC-AG-Soil-22B			1050

Analysis Request	Containers											
	Soil VOA Val. □ methanol	Soil VOA Val. □ water	Soil VOA Val. □ NaOH	Other □ NaOH	Gas Soil Container (4) □ or □ NaOH	Other □	Water VOA Val. □ As □ HCl	Glass Amber () ml □ As □ HCl	Plastic - H ₂ SO ₄ □ 250 ml □ 500 □ 1000 ml	Plastic - HNO ₃ □ 250 ml □ 500 ml □ filtered □ 0.45µ □ 10µ	Plastic - NaOH □ 250 ml	Comments
PBS 3540 + 1086												Composite 13B
												114B
												Composite 15B
												116B
												Composite 17B
												118B
												Composite 19B
												120B
												Composite 21B
												122B

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions: □ CT Tax Exempt □ QA/QC □ Other () □ Duplicates □ Blanks (Item Nos:)
1	B. Hobbins	Foo Fridge	5-10	1200	Reporting and Detection Limit Requirements: □ RCP Deliverables □ MCP CAM Cert.
2	Foo Fridge	Kevin McCarthy	5-11-13	1000	Additional Comments: Composite At samples 10, 15, 18, 19, 21 at 5 Feet From column
3	Kevin McCarthy	Kevin McCarthy			
4	Kevin McCarthy	Kevin McCarthy	5-14-13	1613	

6/11/13

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- 317 Iron Horse Way, Suite 204, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY

- 78 Interstate Drive, West Springfield, MA 01089
- 317 Iron Horse Way, Suite 204, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 27729

PROJECT NAME: **Central Highschool** PROJECT LOCATION: **Bridgeport, CT** PROJECT NUMBER: **20110793.A2E**

REPORT TO: **Kevin McCarthy / Karen Redfield** Analysis Request: **PCBs 3510e / 4082**

INVOICE TO: **20110793.A2E**

P.O. No.: **20110793.A2E**

Sampler's Signature: *[Signature]* Date: **5-9-13**

Source Codes: MW=Monitoring Well T=Treatment Facility S=Soil B=Sediment
 SW=Surface Water W=Waste A=Air C=Concrete

X=Other **adjacent ground (soil)**

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request
	1	2	3	4					
21	/	/	/	/	-ECC-AG-Soil-23B	X	5-2-13	1052	✓
22	/	/	/	/	-ECC-AG-Soil-24B			1054	✓
23	/	/	/	/	-ECC-AG-Soil-25B			1056	✓
24	/	/	/	/	-ECC-AG-Soil-26B			1058	✓
25	/	/	/	/	-ECC-AG-Soil-27B			1100	✓
26	/	/	/	/	-ECC-AG-Soil-28B			1102	✓
27	/	/	/	/	-ECC-AG-Soil-29B			1104	✓
28	/	/	/	/	-ECC-AG-Soil-30B			1106	✓
29	/	/	/	/	-ECC-AG-Soil-31B			1108	✓
30	/	/	/	/	-ECC-AG-Soil-32B			1110	✓

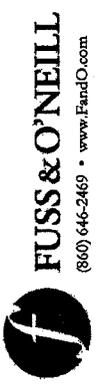
Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions:
1	<i>[Signature]</i>	<i>[Signature]</i>	5-10	12:00	<input type="checkbox"/> CT Tax Exempt <input type="checkbox"/> QA/QC <input type="checkbox"/> Other
2	<i>[Signature]</i>	<i>[Signature]</i>	5-14-13	1:00	<input type="checkbox"/> Duplicates <input type="checkbox"/> Blanks (Item Nos:)
3	<i>[Signature]</i>	<i>[Signature]</i>			Reporting and Detection Limit Requirements: <input type="checkbox"/> RCP Deliverables <input type="checkbox"/> MCP CAM Cert.
4	<i>[Signature]</i>	<i>[Signature]</i>	5/14/13	10:13	Additional Comments: Composite At Samples (0.5 Rpm Surface Soil at 5 feet from column)

LABORATORY
 PROJECT NUMBER
 Analysis Request

Containers	Soil VOA Val. <input type="checkbox"/> methanol	Soil VOA Val. <input type="checkbox"/> water	Glass Soil Container (4) oz	Other	Water VOA Val. <input type="checkbox"/> As is	Glass Amber	Comments
							Composite 23B / 24B
							Composite 25B / 26B
							Composite 27B / 28B
							Composite 29B / 30B
							Composite 31B / 32B

Plastic - NaOH, 250 ml
 Plastic - HNO₃, 250 ml Filtered 0.45µ 10µ
 Plastic - H₂SO₄, 250 ml 500 ml
 Plastic - As is, 250 ml As is H₂SO₄
 Plastic - As is, 250 ml HCl
 Glass VOA Val. As is H₂SO₄
 Glass Amber () ml, As is H₂SO₄
 Other
 Glass Soil Container (4) oz
 Glass VOA Val. water H₂SO₄
 Soil VOA Val. methanol

6/2/13



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 56 Quarry Road, Trumbull, CT 06611
 1419 Richland Street, Columbia, SC 29201

78 Interstate Drive, West Springfield, MA 01089
 317 Iron Horse Way, Suite 204, Providence, RI 02908
 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 27730

PROJECT NAME: Central High school
 PROJECT LOCATION: Bridgeport, CT
 REPORT TO: Kevin McCarthy / Karen Redfield

PROJECT NUMBER: 20110793A2E

LABORATORY: Phoenix

INVOICE TO:
 P.O. No.: 20110793A2E
 Sampler's Signature: [Signature] Date: 5-9-13
 Source Codes: PW=Portable Water T=Treatment Facility S=Soil B=Sediment
 MW=Monitoring Well ST=Stormwater W=Waste A=Air C=Concrete
 SW=Surface Water
 X=Other adjacent ground (soil)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request	Containers									
	1	2	3	4						Soil VOA Vol. □ methanol	Soil VOA Vol. □ water	Soil VOA Vol. □ water	Other: Glass Soil Container (4) or Na2SO4	Other: Glass Soil (2) or HCl	Water VOA Vol. □ as is	Other: Glass Amber	Plastic - As is. □ 250 ml □ 500 ml □ 1000 ml	Plastic - H2SO4 □ 250 ml □ 500 ml □ 1000 ml	Plastic - HNO3 □ 250 ml □ 500 ml □ 1000 ml
31	/	/	/	/	-ECC-AG-Soil-33B	X	5-2-13	1112		Plastic - As is. □ 250 ml □ 500 ml □ 1000 ml							Composite 33B		
32	/	/	/	/	-ECC-AG-Soil-34B			1114									Composite 34B		
33	/	/	/	/	-ECC-AG-Soil-35B			1116									Composite 35B		
34	/	/	/	/	-ECC-AG-Soil-36B			1119									Composite 36B		
35	/	/	/	/	-ECC-AG-Soil-37B			1120									Composite 37B		
36	/	/	/	/	-ECC-AG-Soil-38B			1122									Composite 38B		
37	/	/	/	/	-ECC-AG-Soil-39B			1124									Composite 39B		
38	/	/	/	/	-ECC-AG-Soil-40B			1126									Composite 40B		
39	/	/	/	/	-ECC-AG-Soil-41B			1128									Composite 41B		
40	/	/	/	/	-ECC-AG-Soil-42B			1130									Composite 42B		

Plastic 350ml (2) 02
 78087

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions:
1	B. Hobbs	FAO Edge	5-10	1200	CT Tax Exempt □ QA/QC □ Other □ Duplicates □ Blanks (Item Nos:)
2	Fao Fridge	[Signature]	5-14-13	1000	Reporting and Detection Limit Requirements: □ RCP Deliverables □ MCP CAM Cert.
3	[Signature]	[Signature]			Additional Comments: <u>Composite Ag samples L.O.S. ppm</u>
4	[Signature]	[Signature]	5/14/13	1613	Additional Comments: <u>Surface soil at 5 Feet From Column</u>



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/02/13 11:34
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
 Phoenix ID: BD78436

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-43B-44B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	PP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	0.25	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	90		%	05/16/13	AW	30 - 150 %
% TCMX	86		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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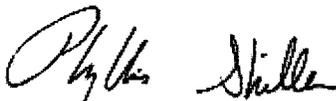
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/02/13 11:38
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
 Phoenix ID: BD78437

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-45B-46B COMP

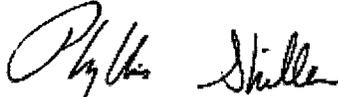
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	89		%	05/16/13	AW	30 - 150 %
% TCMX	78		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
05/02/13 11:42
05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78438

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-47B-48B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

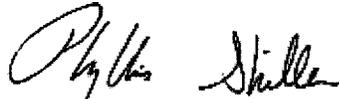
% DCBP	81		%	05/16/13	AW	30 - 150 %
% TCMX	73		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date: 05/03/13 10:46
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
 Phoenix ID: BD78439

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-106B-107B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	86		%	05/16/13	AW	30 - 150 %
% TCMX	75		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date Time
05/03/13 10:50
05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78440

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-108B-109B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	89		%	05/16/13	AW	30 - 150 %
% TCMX	78		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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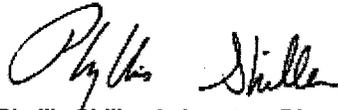
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time

05/03/13 10:54
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
 Phoenix ID: BD78441

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-110B-111B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	82		%	05/16/13	AW	30 - 150 %
% TCMX	76		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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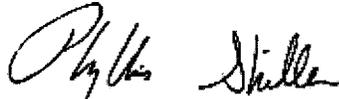
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr. Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 10:58
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
 Phoenix ID: BD78442

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-112B-113B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.17	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.17	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	80		%	05/16/13	AW	30 - 150 %
% TCMX	73		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL

Phoenix I.D.: BD78442

Client ID: 201305021203-ECC-AG-SOIL-112B-113B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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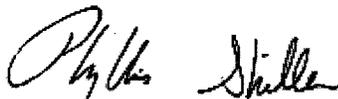
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date: 05/03/13 11:02
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
 Phoenix ID: BD78443

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-118B-119B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

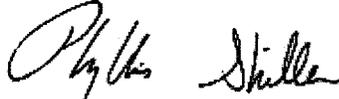
% DCBP	82		%	05/16/13	AW	30 - 150 %
% TCMX	74		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 11:06
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
 Phoenix ID: BD78444

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-120B-121B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	77		%	05/16/13	AW	30 - 150 %
% TCMX	73		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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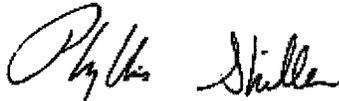
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 11:10
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
 Phoenix ID: BD78445

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-122B-123B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	78		%	05/16/13	AW	30 - 150 %
% TCMX	74		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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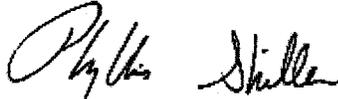
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 11:14
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
 Phoenix ID: BD78446

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-124B-125B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	82		%	05/16/13	AW	30 - 150 %
% TCMX	73		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-124B-125B COMP

Phoenix I.D.: BD78446

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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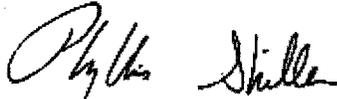
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 11:18
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
 Phoenix ID: BD78447

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-126B-127B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	82		%	05/16/13	AW	30 - 150 %
% TCMX	73		%	05/16/13	AW	30 - 150 %

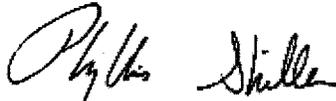
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 11:22
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
 Phoenix ID: BD78448

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-128B-129B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	84		%	05/16/13	AW	30 - 150 %
% TCMX	73		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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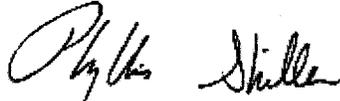
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 11:26
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
 Phoenix ID: BD78449

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-130B-131B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82		%	05/16/13	AW	30 - 150 %
% TCMX	75		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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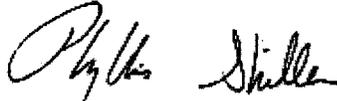
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 11:30
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
 Phoenix ID: BD78450

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-132B-133B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	80		%	05/16/13	AW	30 - 150 %
% TCMX	67		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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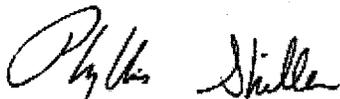
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/03/13
05/14/13

Time

11:34
16:13

Laboratory Data

SDG ID: GBD78436
Phoenix ID: BD78451

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-134B-135B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	81		%	05/16/13	AW	30 - 150 %
% TCMX	63		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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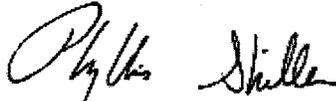
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 11:38
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
 Phoenix ID: BD78452

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-136B-137B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	80		%	05/16/13	AW	30 - 150 %
% TCMX	73		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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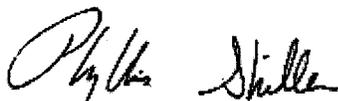
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 11:42
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
 Phoenix ID: BD78453

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-138B-139B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	0.27	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	91		%	05/16/13	AW	30 - 150 %
% TCMX	84		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-138B-139B COMP

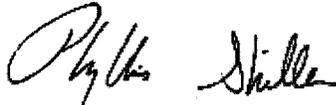
Phoenix I.D.: BD78453

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 11:46
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
 Phoenix ID: BD78454

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-140B-141B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	90		%	05/16/13	AW	30 - 150 %
% TCMX	76		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-140B-141B COMP

Phoenix I.D.: BD78454

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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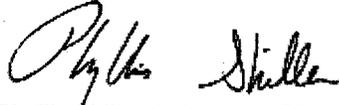
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 11:50
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78436
 Phoenix ID: BD78455

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-156B-157B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	86		%	05/16/13	AW	30 - 150 %
% TCMX	79		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-156B-157B COMP

Phoenix I.D.: BD78455

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 20, 2013

QA/QC Data

SDG I.D.: GBD78436

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 230583, QC Sample No: BD78417 (BD78436)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	88	92	4.4	90	89	1.1	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	84	89	5.8	78	85	8.6	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	90	89	93	4.4	84	85	1.2	30 - 150	30
% TCMX (Surrogate Rec)	83	90	94	4.3	85	87	2.3	30 - 150	30
QA/QC Batch 230584, QC Sample No: BD78438 (BD78437, BD78438, BD78439, BD78440, BD78441, BD78442, BD78443, BD78444, BD78445, BD78446, BD78447, BD78448, BD78449, BD78450, BD78451)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	97	87	10.9	98	94	4.2	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	99	94	5.2	104	96	8.0	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	88	85	84	1.2	88	81	8.3	30 - 150	30
% TCMX (Surrogate Rec)	77	78	65	18.2	79	78	1.3	30 - 150	30
QA/QC Batch 230631, QC Sample No: BD78466 (BD78452, BD78453, BD78454, BD78455)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	80	79	1.3	86	83	3.6	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	85	81	4.8	89	88	1.1	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	74	74	69	7.0	106	111	4.6	30 - 150	30
% TCMX (Surrogate Rec)	69	75	76	1.3	81	74	9.0	30 - 150	30

QA/QC Data

SDG I.D.: GBD78436

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

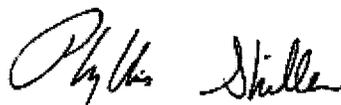
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference


Phyllis Shiller, Laboratory Director
May 20, 2013

Monday, May 20, 2013

Sample Criteria Exceedences Report

Page 1 of 1

Requested Criteria: None

GBD78436 - FOPCBTR

State: CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD78436, BD78437, BD78438, BD78439, BD78440, BD78441, BD78442, BD78443, BD78444, BD78445, BD78446, BD78447, BD78448, BD78449, BD78450, BD78451, BD78452, BD78453, BD78454, BD78455

Sampling Date(s): 5/2/2013, 5/3/2013

RCP Methods Used:

1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

<p>I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowlegde and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.</p>	
<p>Authorized Signature: _____ <i>Kathleen Cressia</i></p>	<p>Date: Monday, May 20, 2013 Printed Name: Kathleen Cressia Position: QA/QC Officer</p>



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 20, 2013

SDG LD.: GBD78436

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd6 05/16/13-1 (BD78436, BD78437, BD78438, BD78439, BD78440, BD78441, BD78442, BD78443, BD78444, BD78445, BD78446, BD78447, BD78448, BD78449, BD78450, BD78451, BD78452, BD78453, BD78454, BD78455)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/16/2013



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 20, 2013

SDG I.D.: GBD78436

QC (Site Specific)

———— Sample No: BD78438, QA/QC Batch: 230584 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

———— Sample No: BD78417, QA/QC Batch: 230583 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD78466, QA/QC Batch: 230631 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

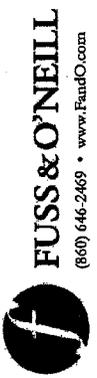
All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 6C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)

60/10/10



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 1419 Richland Street, Columbia, SC 29201

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CHAIN-OF-CUSTODY RECORD 27731

PROJECT NAME: **Central Highschool** PROJECT LOCATION: **Bridge party CT** PROJECT NUMBER: **20110793, A2E** LABORATORY: **Phoenix**

REPORT TO: **Kevin McElrath / Karron Redfield** Analysis Request: **RBs 3540c / 3082**

INVOICE TO: **Central Highschool**

P.O. No.: **20110793, A2E** Date: **5-9-13**

Sampler's Signature: *[Signature]*

Source Codes: MW=Monitoring Well PW=Potable Water T=Treatment Facility S=Soil B=Sediment
 SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete

X=Other **adjacent ground (soil)**

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
41					-ECC-AG-Soil-43B	X	5-2-13	1132
42					-ECC-AG-Soil-44B			1134
43					-ECC-AG-Soil-45B			1136
44					-ECC-AG-Soil-46B			1138
45					-ECC-AG-Soil-47B			1140
46					-ECC-AG-Soil-48B			1142
47					-ECC-AG-Soil-106B		S-3-13	1044
48					-ECC-AG-Soil-107B			1046
49					-ECC-AG-Soil-108B			1048
50					-ECC-AG-Soil-109B			1050

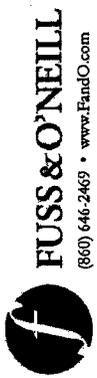
Transfer Number	Relinquished By	Accepted By	Date	Time
1	<i>[Signature]</i>	F10 Pridge	5-10	1200
2	<i>[Signature]</i>	<i>[Signature]</i>	5-14-13	1000
3	<i>[Signature]</i>	<i>[Signature]</i>	5/14/13	↓
4	<i>[Signature]</i>	<i>[Signature]</i>	5/14/13	1143

Charge Exceptions: CT/Tax Exempt QA/QC Other Duplicates Blanks (Item Nos: _____)

Reporting and Detection Limit Requirements: RCP Deliverables MCP CAM Cert.

Composite AR samples L.O.S ppm
 Additional Comments: surface soil at 5 feet from column

C. W. C. T. A.



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CHAIN-OF-CUSTODY RECORD 27732

PROJECT NAME: **Central Highschool** PROJECT LOCATION: **Bridgeport, CT** PROJECT NUMBER: **20110793.A1E**

REPORT TO: **Kevin McCarthy / Karren Redfield** Analysis Request
 INVOICE TO:
 P.O. No.: **20110793.A1E**

Sampler's Signature: *Janez Blum* Date: **5-9-13**
 Source Codes: MW=Monitoring Well PW=Potable Water T=Treatment Facility S=Soil B=Sediment
 SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete
 X=Other **adjacent ground (soil)**

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Comments
	1	2	3	4					
51	/	/	/	/	-ECC-AG-soil-110B	X	5-3-13	1052	✓ Composite 7110B 78494
52	/	/	/	/	-ECC-AG-soil-111B			1054	✓ Composite 7111B 78494
53	/	/	/	/	-ECC-AG-soil-112B			1056	✓ Composite 7112B 78494
54	/	/	/	/	-ECC-AG-soil-113B			1058	✓ Composite 7113B 78494
55	/	/	/	/	-ECC-AG-soil-118B			1100	✓ Composite 7118B 78494
56	/	/	/	/	-ECC-AG-soil-119B			1102	✓ Composite 7119B 78494
57	/	/	/	/	-ECC-AG-soil-120B			1104	✓ Composite 7120B 78494
58	/	/	/	/	-ECC-AG-soil-121B			1106	✓ Composite 7121B 78494
59	/	/	/	/	-ECC-AG-soil-122B			1108	✓ Composite 7122B 78494
60	/	/	/	/	-ECC-AG-soil-123B			1110	✓ Composite 7123B 78494

PCBS 9570, 1808

Charge Exceptions: CT Tax Exempt QA/QC Other _____
 _____ Duplicates _____ Blanks (Item Nos: _____)

Reporting and Detection Limit Requirements: RCP Deliverables MCP CAM Cert.

Additional Comments: **Composite At samples < 0.5 ppm**
Surface soil at 5 feet from column

Transfer Number	Relinquished By	Accepted By	Date	Time
1	<i>B. Hobbs</i>	<i>F. O. Enigle</i>	5-10	1200
2	<i>F. O. Enigle</i>	<i>F. O. Enigle</i>	5-14-13	1000
3	<i>[Signature]</i>	<i>[Signature]</i>		
4	<i>[Signature]</i>	<i>[Signature]</i>	5/14/13	1613



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- 78 Interstate Drive, West Springfield, MA 01089
- 317 Iron Horse Way, Suite 204, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY

6/12/13

CHAIN-OF-CUSTODY RECORD 27733

PROJECT NAME

Central Highschool

PROJECT LOCATION

Bridge ppty, CT

PROJECT NUMBER

20110793.42E

REPORT TO:

Kevin McCarthy / Karren Redfield

Analysis Request

INVOICE TO:

P.O. No.: 20110793.42E

Sampler's Signature: *Janez Blum*

Date: 5-9-12

Source Codes:

MW=Monitoring Well PW=Potable Water T=Treatment Facility S=Soil B=Sediment
 SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete
 X=Other adjacent stream (soil)

Transfer Check

1 2 3 4

Sample Number

Source Code

Date Sampled

Time Sampled

61	/								
62	/								
63	/								
64	/								
65	/								
66	/								
67	/								
68	/								
69	/								
70	/								

Soil VOA Val. □ methanol □ NaOH

Soil VOA Val. □ water □ NaOH

Other: □ Glass Soil Container (4) or □ Other

Water VOA Val. □ As is □ HCl □ H₂O

Plastic - As is, □ 250 ml □ 500 ml □ 1000 ml

Plastic - HNO₃, □ 250 ml □ 500 ml □ 1000 ml

Plastic - NaOH, □ 250 ml □ 500 ml □ 1000 ml

Plastic - H₂O, □ 250 ml □ 500 ml □ 1000 ml

Plastic - H₂O, □ 250 ml □ 500 ml □ 1000 ml

Comments

Transfer Number

Relinquished By

Accepted By

Date

Time

1	B. Hobbs		5-10	1200
2	FJO Fridge	FJO Fridge	5-11-13	1000
3				
4			5-14-13	1103

Charge Exceptions: CT Tax Exempt QA/QC Other

Reporting and Detection Limit Requirements: RCP Deliverables MCP CAM Cert.

Additional Comments: surface soil at 5 Feet from column

Composite AB samples 6.0.5 ppm

Handwritten signature

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CHAIN-OF-CUSTODY RECORD 27735

PROJECT NAME: Central Highschool PROJECT LOCATION: Bridgeport, CT PROJECT NUMBER: 20110793, ALE LABORATORY: Phoenix

REPORT TO: Kevin McCarthy / Karen Roofield Analysis Request: PCBs 3540 / 8082 Containers:

INVOICE TO: Kevin McCarthy / Karen Roofield

P.O. NO: 20110793, ALE Date: 5-9-13

Sampler's Signature: [Signature]

Source Codes: MW=Monitoring Well PW=Potable Water T=Treatment Facility S=Soil B=Sediment
 SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete
 X=Other adjacent ground (soil)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
71	/	/	/	/	-ECC-AG-soil-134B	X	5-3-13	1132
72	/	/	/	/	-ECC-AG-soil-135B			1134
73	/	/	/	/	-ECC-AG-soil-136B			1136
74	/	/	/	/	-ECC-AG-soil-137B			1138
75	/	/	/	/	-ECC-AG-soil-138B			1140
76	/	/	/	/	-ECC-AG-soil-139B			1142
77	/	/	/	/	-ECC-AG-soil-140B			1144
78	/	/	/	/	-ECC-AG-soil-141B			1146
79	/	/	/	/	-ECC-AG-soil-150B			1148
80	/	/	/	/	-ECC-AG-soil-157B			1150

Transfer Number	Relinquished By	Accepted By	Date	Time	Comments
1	B. Hobbs S	FDO Fridge	5-10	1200	
2	FDO Fridge	[Signature]	5-14-13	1000	
3	[Signature]	[Signature]			
4	[Signature]	[Signature]	5/14/13	1613	

Charge Exceptions: CT Tax Exempt QA/QC Other _____
 _____ Duplicates _____ Blanks (Item Nos: _____)

Reporting and Detection Limit Requirements: RCP Deliverables MCP CAM Cert.

Composite Ag samples < 0.5 ppm
 Additional Comments: Surface soil at 5 feet from column



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 11:54
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78456
 Phoenix ID: BD78456

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-158B-159B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	87		%	05/16/13	AW	30 - 150 %
% TCMX	73		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-158B-159B COMP

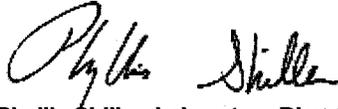
Phoenix I.D.: BD78456

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 11:58
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78456
 Phoenix ID: BD78457

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-160B-161B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	88		%	05/16/13	AW	30 - 150 %
% TCMX	72		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-160B-161B COMP

Phoenix I.D.: BD78457

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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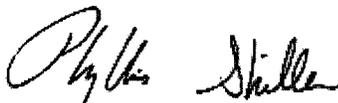
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/03/13
05/14/13

Time

13:01
16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78458

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-162B-163B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	0.47	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

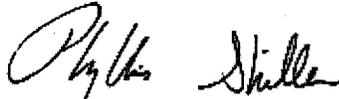
% DCBP	84		%	05/16/13	AW	30 - 150 %
% TCMX	79		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 13:04
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78456
 Phoenix ID: BD78459

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-164B-165B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	79		%	05/16/13	AW	30 - 150 %
% TCMX	67		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-164B-165B COMP

Phoenix I.D.: BD78459

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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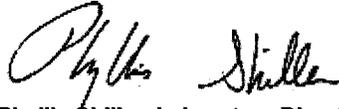
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 13:08
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78456
 Phoenix ID: BD78460

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-166B-167B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	80		%	05/16/13	AW	30 - 150 %
% TCMX	61		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-166B-167B COMP

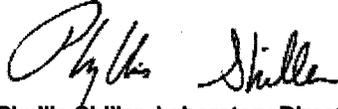
Phoenix I.D.: BD78460

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time

05/03/13 13:12
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78456
 Phoenix ID: BD78461

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-168B-169B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	82		%	05/16/13	AW	30 - 150 %
% TCMX	76		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-168B-169B COMP

Phoenix I.D.: BD78461

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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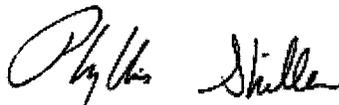
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 13:16
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78456
 Phoenix ID: BD78462

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-170B-171B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	74		%	05/16/13	AW	30 - 150 %
% TCMX	73		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-170B-171B COMP

Phoenix I.D.: BD78462

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/03/13 13:20
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78456
 Phoenix ID: BD78463

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-172B-173B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	98		%	05/16/13	AW	30 - 150 %
% TCMX	73		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-172B-173B COMP

Phoenix I.D.: BD78463

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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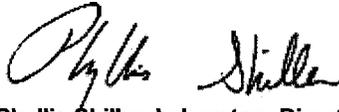
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/03/13
05/14/13

Time

13:24
16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78464

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-174B-175B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	89		%	05/16/13	AW	30 - 150 %
% TCMX	76		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-174B-175B COMP

Phoenix I.D.: BD78464

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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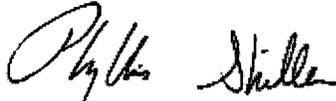
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/06/13 9:42
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78456
 Phoenix ID: BD78465

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-181B-182B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	87		%	05/16/13	AW	30 - 150 %
% TCMX	60		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-181B-182B COMP

Phoenix I.D.: BD78465

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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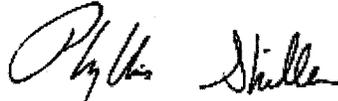
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

05/06/13
 05/14/13

Time

9:46
 16:13

Laboratory Data

SDG ID: GBD78456
 Phoenix ID: BD78466

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-183B-184B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	92		%	05/16/13	AW	30 - 150 %
% TCMX	72		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-183B-184B COMP

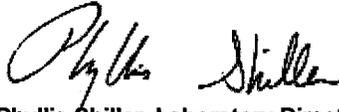
Phoenix I.D.: BD78466

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/06/13 9:48
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78456
 Phoenix ID: BD78467

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-185B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.35	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	94		%	05/16/13	AW	30 - 150 %
% TCMX	69		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-185B

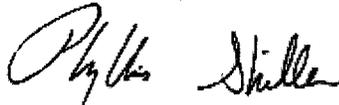
Phoenix I.D.: BD78467

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/06/13 9:52
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78456
 Phoenix ID: BD78468

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-186B-187B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	95		%	05/16/13	AW	30 - 150 %
% TCMX	67		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-186B-187B COMP

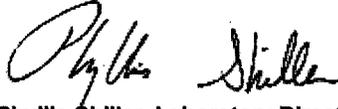
Phoenix I.D.: BD78468

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time

05/06/13 9:56
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78456
 Phoenix ID: BD78469

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-188B-189B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	96		%	05/16/13	AW	30 - 150 %
% TCMX	72		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-188B-189B COMP

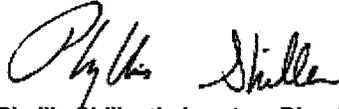
Phoenix I.D.: BD78469

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOLID
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by: JB
Received by: SW
Analyzed by: see "By" below

Date

05/03/13
05/14/13

Time

10:00
16:13

Laboratory Data

SDG ID: GBD78456
Phoenix ID: BD78470

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-190B-191B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	93		%	05/16/13	AW	30 - 150 %
% TCMX	71		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-190B-191B COMP

Phoenix I.D.: BD78470

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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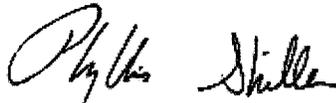
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/06/13 10:04
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78456
 Phoenix ID: BD78471

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-192B-193B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	80		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	95		%	05/16/13	AW	30 - 150 %
% TCMX	72		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-192B-193B COMP

Phoenix I.D.: BD78471

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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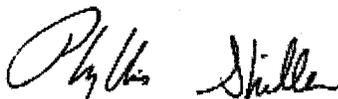
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/06/13 10:08
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78456
 Phoenix ID: BD78472

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-194B-195B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	92		%	05/16/13	AW	30 - 150 %
% TCMX	78		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-194B-195B COMP

Phoenix I.D.: BD78472

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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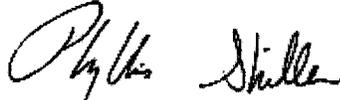
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/06/13 10:12
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78456
 Phoenix ID: BD78473

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-196B-197B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	89		%	05/16/13	AW	30 - 150 %
% TCMX	69		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-196B-197B COMP

Phoenix I.D.: BD78473

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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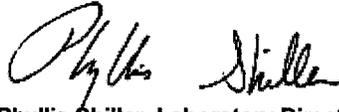
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/06/13 10:16
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78456
 Phoenix ID: BD78474

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-198B-199B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	93		%	05/16/13	AW	30 - 150 %
% TCMX	80		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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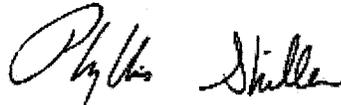
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/06/13 10:20
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78456
 Phoenix ID: BD78475

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-200B-201B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

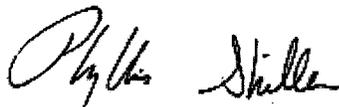
% DCBP	86		%	05/16/13	AW	30 - 150 %
% TCMX	68		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 20, 2013

QA/QC Data

SDG I.D.: GBD78456

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 230631, QC Sample No: BD78466 (BD78456, BD78457, BD78458, BD78459, BD78460, BD78461, BD78462, BD78463, BD78464, BD78465, BD78466, BD78467, BD78468, BD78469)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	80	79	1.3	86	83	3.6	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	85	81	4.8	89	88	1.1	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	74	74	69	7.0	106	111	4.6	30 - 150	30
% TCMX (Surrogate Rec)	69	75	76	1.3	81	74	9.0	30 - 150	30
QA/QC Batch 230638, QC Sample No: BD78472 (BD78470, BD78471, BD78472, BD78473, BD78474, BD78475)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	83	81	2.4	85	85	0.0	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	84	82	2.4	84	79	6.1	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	99	86	83	3.6	90	85	5.7	30 - 150	30
% TCMX (Surrogate Rec)	80	84	76	10.0	88	87	1.1	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

Phyllis Shiller
 Phyllis Shiller, Laboratory Director
 May 20, 2013

Monday, May 20, 2013

Sample Criteria Exceedences Report

Requested Criteria: None

GBD78456 - FOPCBTR

State: CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
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Phoenix Analyte

Criteria

Result

RL

Criteria

RL
Criteria

Analysis
Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 20, 2013

SDG I.D.: GBD78456

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd24 05/16/13-1 (BD78456, BD78457, BD78458, BD78459, BD78460, BD78461, BD78462, BD78463, BD78464, BD78465, BD78466, BD78467, BD78468, BD78469, BD78470, BD78471, BD78472, BD78473, BD78474, BD78475)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/16/2013



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 20, 2013

SDG I.D.: GBD78456

QC (Site Specific)

———— Sample No: BD78466, QA/QC Batch: 230631 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD78472, QA/QC Batch: 230638 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

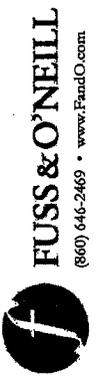
All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples were received at 6C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)

6/11/08



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CHAIN-OF-CUSTODY RECORD 27737

PROJECT NAME: **Central Highschool** PROJECT LOCATION: **Bridge part, CT** PROJECT NUMBER: **20110793-AZE** LABORATORY: **Phoenix**

REPORT TO: **Kevin McCarthy / Karen Redfield** ANALYSIS REQUEST: **PCBs, SVOCs, Metals**

INVOICE TO: **Phoenix**

P.O. NO.: **20110793-AZE** DATE: **5-9-13**

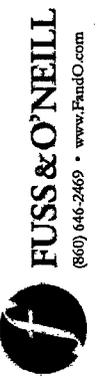
Sampler's Signature: *[Signature]*
 Source Codes: MW=Monitoring Well, PW=Portable Water, T=Treatment Facility, S=Soil, B=Sediment
 SW=Surface Water, ST=Stormwater, W=Waste, A=Air, C=Concrete
 X=Other **adjacent ground (Soil)**

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Comments
	1	2	3	4					
91					-ECC-AG-Soil-168B	X	5-3-0	1310	Composite 168B ↓ 169B
92					-ECC-AG-Soil-169B			1312	Composite 170B ↓ 171B
93					-ECC-AG-Soil-170B			1314	Composite 172B ↓ 173B
94					-ECC-AG-Soil-171B			1316	Composite 174B ↓ 175B
95					-ECC-AG-Soil-172B			1318	Composite 181B ↓ 182B
96					-ECC-AG-Soil-173B			1320	
97					-ECC-AG-Soil-174B			1322	
98					-ECC-AG-Soil-175B			1324	
99					-ECC-AG-Soil-181B		5-6-13	940	
100					-ECC-AG-Soil-182B			942	

Transfer Number	Relinquished By	Accepted By	Date	Time
1	B. Hobbins	F&O Fndgr	5-10	1200
2	F&O Fndgr	[Signature]	5-14-13	1000
3	[Signature]	[Signature]	5/14/13	1000
4	[Signature]	[Signature]	5/14/13	1419

Charge Exceptions: CT Tax Exempt QA/QC Other Duplicates Blanks (Item Nos:)
 Reporting and Detection Limit Requirements: RCP Deliverables MCP CAM Cert.
 Additional Comments: **Composite AG samples < 0.5 ppm surface soil at 5 feet from column**

6/1/03



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 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 27738

PROJECT NAME: **Central Highschool** PROJECT LOCATION: **Bridgewater, CT** PROJECT NUMBER: **2010793.AZE** LABORATORY: **Phoenix**

REPORT TO: **Kevin McErthy / Karen Redfield** Analysis Request: **PLB's 35% / 20.82**

INVOICE TO: **Central Highschool**

P.O. No.: **2010793.AZE**

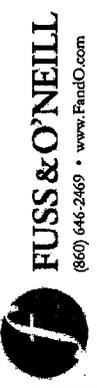
Sampler's Signature: *[Signature]* Date: **5-9-03**

Source Codes: MW=Monitoring Well, SW=Surface Water, X=Other, adjascent ground (soil)
 T=Treatment Facility, S=Soil, B=Sediment
 W=Waste, A=Air, C=Concrete

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request	Containers							
	1	2	3	4						Soil VOA Val.	Soil VOA Val. / water	Class Soil Container (4) or Na2SO4	Water VOA Val.	Class Amber () ml	Plastic - As is, 250 ml	Plastic - H2SO4, 250 ml	Plastic - HNO3, 250 ml
101	/	/	/	/	201305021203	X	5-6-03	9444	✓								Composite 183B
102	/	/	/	/	-ECC-AG-Soil-184B			9416	✓								discrete
103	/	/	/	/	-ECC-AG-Soil-185B			948	✓								Composite 186B
104	/	/	/	/	-ECC-AG-Soil-186B			950	✓								Composite 187B
105	/	/	/	/	-ECC-AG-Soil-187B			952	✓								Composite 188B
106	/	/	/	/	-ECC-AG-Soil-188B			954	✓								Composite 189B
107	/	/	/	/	-ECC-AG-Soil-189B			956	✓								Composite 190B
108	/	/	/	/	-ECC-AG-Soil-190B			958	✓								Composite 191B
109	/	/	/	/	-ECC-AG-Soil-191B			1000	✓								Composite 192B
110	/	/	/	/	-ECC-AG-Soil-192B			1002	✓								Composite 193B

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions:
1	B Robbins	F O Frudge	5-10	1200	<input type="checkbox"/> CT Tax Exempt <input type="checkbox"/> QA/QC <input type="checkbox"/> Other <input type="checkbox"/> Duplicates <input type="checkbox"/> Blanks (Item Nos:)
2	F O Frudge	[Signature]	5/11/03	1000	Reporting and Detection Limit Requirements: <input type="checkbox"/> RCP Deliverables <input type="checkbox"/> MCP CAM Cert. (185 B)
3	[Signature]	[Signature]	5/11/03	1000	Additional Comments: Composite At samples 0.5 ppm / discrete sample < 1 ppm
4	[Signature]	[Signature]	5/11/03	1013	Additional Comments: Surface soil at 5 feet from column

60 W/ctd



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- 317 Iron Horse Way, Suite 204, Providence, RI 02908
- 80 Washington Street, Suite 301, Foughtkepsie, NY

CHAIN-OF-CUSTODY RECORD 27740

PROJECT NAME: **Central High School** PROJECT LOCATION: **Bridgewater, CT** PROJECT NUMBER: **2010793.AZE** LABORATORY: **Phoenix**

REPORT TO: **Kevia McGerthy / Karren Redfield** ANALYSIS REQUEST: **PCs, SVs, / B082**

INVOICE TO: **2010793.AZE**

Sampler's Signature: *[Signature]* Date: **5-9-13**

Source Codes: MW=Monitoring Well PW=Possible Water T=Treatment Facility S=Soil B=Sediment
 SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete

X=Other **adjacent ground (soil)**

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Comments
	1	2	3	4					
111	/	/	/	/	-ECC-AG-Soil-193B	X	5-6-13	1004	Composite 193B
112	/	/	/	/	-ECC-AG-Soil-194B			1006	Composite 194B
113	/	/	/	/	-ECC-AG-Soil-195B			1008	Composite 195B
114	/	/	/	/	-ECC-AG-Soil-196B			1010	Composite 196B
115	/	/	/	/	-ECC-AG-Soil-197B			1012	Composite 197B
116	/	/	/	/	-ECC-AG-Soil-198B			1014	Composite 198B
117	/	/	/	/	-ECC-AG-Soil-199B			1016	Composite 199B
118	/	/	/	/	-ECC-AG-Soil-200B			1018	Composite 200B
119	/	/	/	/	-ECC-AG-Soil-201B			1020	Composite 201B
120	/	/	/	/	-ECC-AG-Soil-202B			1022	Composite 202B

Transfer Number	Relinquished By	Accepted By	Date	Time
1	B. Robbins	F.O. Fridge	5-10	1200
2	F.O. Fridge	[Signature]	5-14-13	1000
3	[Signature]	[Signature]	5/14/13	1013
4	[Signature]	[Signature]	5/14/13	1013

Charge Exceptions: CT Tax Exempt QA/QC Other _____
 _____ Duplicates _____ Blanks (Item Nos: _____)

Reporting and Detection Limit Requirements: RCP Deliverables MCP CAM Cert.

Additional Comments: **Composite AG samples 10.5 ppm surface soil at 5 feet from column**



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Analysis Report
 May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

05/06/13
 05/14/13

Time

10:24
 16:13

Laboratory Data

SDG ID: GBD78476
 Phoenix ID: BD78476

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-202B-203B COMP

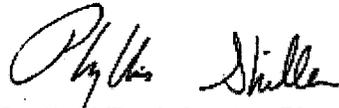
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	90		%	05/16/13	AW	30 - 150 %
% TCMX	76		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
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Phyllis Shiller, Laboratory Director

May 20, 2013

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Environmental Laboratories, Inc.

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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

05/06/13
 05/14/13

Time

10:28
 16:13

Laboratory Data

SDG ID: GBD78476
 Phoenix ID: BD78477

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-204B-205B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.2	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	93		%	05/16/13	AW	30 - 150 %
% TCMX	73		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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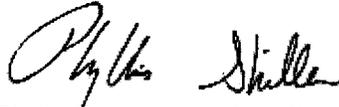
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



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Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

05/06/13
 05/14/13

Time

10:32
 16:13

Laboratory Data

SDG ID: GBD78476
 Phoenix ID: BD78478

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-206B-207B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	82		%	05/16/13	AW	30 - 150 %
% TCMX	72		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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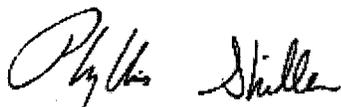
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

05/06/13
 05/14/13

Time

10:36
 16:13

Laboratory Data

SDG ID: GBD78476
 Phoenix ID: BD78479

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-208B-209B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.91	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.91	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.91	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.91	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.91	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.91	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	3.9	0.91	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.91	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.91	mg/kg	05/16/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	95		%	05/16/13	AW	30 - 150 %
% TCMX	82		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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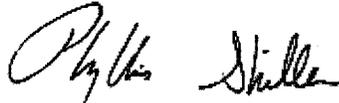
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

05/06/13
 05/14/13

Time

10:40
 16:13

Laboratory Data

SDG ID: GBD78476
 Phoenix ID: BD78480

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-210B-211B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

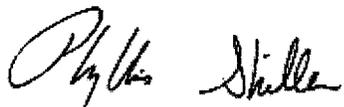
% DCBP	96		%	05/16/13	AW	30 - 150 %
% TCMX	74		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

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 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date Time
 05/06/13 10:44
 05/14/13 16:13

Laboratory Data

SDG ID: GBD78476
 Phoenix ID: BD78481

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-212B-213B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.18	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.18	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	86		%	05/16/13	AW	30 - 150 %
% TCMX	70		%	05/16/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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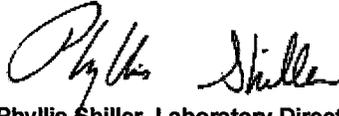
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 20, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by: JB
 Received by: SW
 Analyzed by: see "By" below

Date

05/06/13
 05/14/13

Time

10:48
 16:13

Laboratory Data

SDG ID: GBD78476
 Phoenix ID: BD78482

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201305021203-ECC-AG-SOIL-214B-215B COMP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	05/15/13	JL	E160.3
Extraction for PCB	Completed			05/15/13	NP/K	SW3540C

PCB (Soxhlet)

PCB-1016	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1221	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1232	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1242	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1248	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1254	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1260	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1262	ND	0.19	mg/kg	05/16/13	AW	3540C/8082
PCB-1268	ND	0.19	mg/kg	05/16/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	78		%	05/16/13	AW	30 - 150 %
% TCMX	71		%	05/16/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201305021203-ECC-AG-SOIL-214B-215B COMP

Phoenix I.D.: BD78482

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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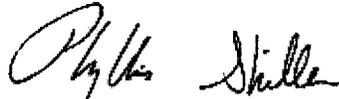
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

May 20, 2013

Reviewed and Released by: Kathleen Cressia, QA/QC Officer



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 20, 2013

QA/QC Data

SDG I.D.: GBD78476

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 230638, QC Sample No: BD78472 (BD78476, BD78477, BD78478, BD78479, BD78480, BD78481, BD78482)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	83	81	2.4	85	85	0.0	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	84	82	2.4	84	79	6.1	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	99	86	83	3.6	90	85	5.7	30 - 150	30
% TCMX (Surrogate Rec)	80	84	76	10.0	88	87	1.1	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

Phyllis Shiller
 Phyllis Shiller, Laboratory Director
 May 20, 2013

Monday, May 20, 2013

Sample Criteria Exceedences Report

Requested Criteria: None

State: CT

GBD78476 - FOPCBTR

Phoenix Analyte

Criteria

Result

RL

Criteria

RL
Criteria

Analysis
Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD78476, BD78477, BD78478, BD78479, BD78480, BD78481, BD78482

Sampling Date(s): 5/6/2013

RCP Methods Used:

1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Date: Monday, May 20, 2013

Authorized Signature: Kathleen Cressia Printed Name: Kathleen Cressia
 Position: QA/QC Officer



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 20, 2013

SDG I.D.: GBD78476

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd3 05/16/13-1 (BD78476, BD78477, BD78478, BD78479, BD78480, BD78481, BD78482)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 5/16/2013

QC (Batch Specific)

———— Sample No: BD78472, QA/QC Batch: 230638 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 6C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)



FUSS & O'NEILL
(860) 646-2469 • www.FandO.com

- 146 Hartford Road, Manchester, CT 06040
- 56 Quarry Road, Trumbull, CT 06611
- 1419 Richland Street, Columbia, SC 29201

- 78 Interstate Drive, West Springfield, MA 01089
- 317 Iron Horse Way, Suite 204, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY

CHAIN-OF-CUSTODY RECORD 27743

PROJECT NAME

Central High School

PROJECT LOCATION

Bridgeport, CT

PROJECT NUMBER

20110793.A2E

REPORT TO: Kevin McCarthy / Karen Redfield

Analysis Request

Containers

LABORATORY

Phoenix

INVOICE TO:

P.O. No.: 20110793.A2E

Sampler's Signature:

James Kim

Date: 5-9-13

Source Codes:

MW=Monitoring Well T=Treatment Facility S=Soil B=Sediment
 SW=Surface Water ST=Stormwater W=Waste A=Air C=Concrete
 X=Other Adjacent ground (Soil)

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
131	/				20130502.1203	X	5-6-13	1044
132	/				-ECC-AG-SOIL-213B			1046
133	/				-ECC-AG-SOIL-214B			1048
					-ECC-AG-SOIL-215B			

Soil VOA Val. □ methanol	Soil VOA Val. □ water	Soil VOA Val. □ Na2SO4	Other: □ Na2SO4	Other: □ HCl	Water VOA Val. □ As is	Plastic - Amber () ml □ As is	Plastic - H2SO4 □ 250 ml □ 500 ml □ 1000 ml	Plastic - HNO3 □ 250 ml □ 500 ml □ 1000 ml	Plastic - NaOH □ 250 ml □ 500 ml □ 1000 ml	Plastic - Filtered □ 0.45µ □ 10µ	Comments
											Composite 214B
											Composite 215B

Transfer Number	Relinquished By	Accepted By	Date	Time	Charge Exceptions: □ CT Tax Exempt □ QA/QC □ Other ()
1	B. Hobbins	FVO FERRER	5-10	1200	Reporting and Detection Limit Requirements: □ RCP Deliverables □ MCP CAM Cert.
2	Photo Fudge	<i>[Signature]</i>	5-14-13	1000	Composite Ag samples to 0.5 ft
3	<i>[Signature]</i>	<i>[Signature]</i>			Additional Comments: surface soil at 5 feet from column
4	<i>[Signature]</i>	<i>[Signature]</i>	5/14/13	1413	



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

06/24/13
 06/28/13

Time

8:00
 16:36

Laboratory Data

SDG ID: GBD98884
 Phoenix ID: BD98884

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-05D-06D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.38	mg/kg	07/01/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	07/01/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	07/01/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	07/01/13	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	07/01/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	07/01/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	07/01/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	07/01/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	07/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	94		%	07/01/13	AW	30 - 150 %
% TCMX	90		%	07/01/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

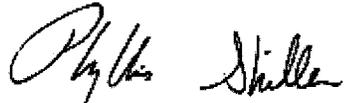
Comments:

* For PCBs, the continuing calibration standard recovery was above criteria; however all samples reported were below the reporting value.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time

06/24/13 8:20
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
 Phoenix ID: BD98885

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-07D-08D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.36	mg/kg	07/01/13	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	07/01/13	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	07/01/13	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	07/01/13	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	07/01/13	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	07/01/13	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	07/01/13	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	07/01/13	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	07/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	100		%	07/01/13	AW	30 - 150 %
% TCMX	82		%	07/01/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

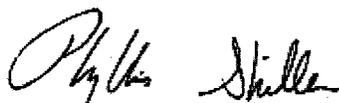
Comments:

* For PCBs, the continuing calibration standard recovery was above criteria; however all samples reported were below the reporting value.

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time

06/24/13 8:35
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
 Phoenix ID: BD98886

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-09D-10D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.39	mg/kg	07/01/13	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	07/01/13	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	07/01/13	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	07/01/13	AW	3540C/8082
PCB-1248	ND	0.39	mg/kg	07/01/13	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	07/01/13	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	07/01/13	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	07/01/13	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	07/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	92		%	07/01/13	AW	30 - 150 %
% TCMX	86		%	07/01/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

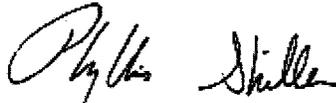
Comments:

* For PCBs, the continuing calibration standard recovery was above criteria; however all samples reported were below the reporting value.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time
06/24/13 8:55
06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98887

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-11D-12D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	93		%	07/01/13	AW	30 - 150 %
% TCMX	84		%	07/01/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

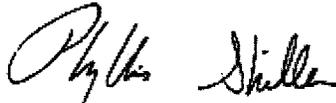
Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 06/24/13 9:20
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
 Phoenix ID: BD98888

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-17D-18D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/01/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	104		%	07/01/13	AW	30 - 150 %
% TCMX	86		%	07/01/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

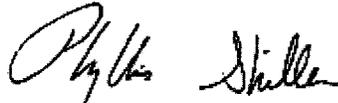
Comments:

* For PCBs, the continuing calibration standard recovery was above criteria; however all samples reported were below the reporting value.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time

06/24/13 9:35
06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98889

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-19D-20D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.35	mg/kg	07/01/13	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	07/01/13	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	07/01/13	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	07/01/13	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	07/01/13	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	07/01/13	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	07/01/13	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	07/01/13	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	07/01/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	95		%	07/01/13	AW	30 - 150 %
% TCMX	87		%	07/01/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

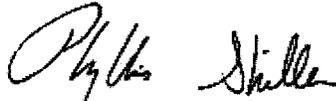
Comments:

* For PCBs, the continuing calibration standard recovery was above criteria; however all samples reported were below the reporting value.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time

06/24/13 9:45
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
 Phoenix ID: BD98890

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-21D-22D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	77		%	07/02/13	AW	30 - 150 %
% TCMX	85		%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-21D-22D

Phoenix I.D.: BD98890

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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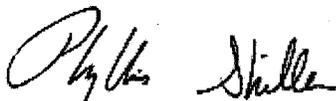
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time

06/24/13 10:00
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
 Phoenix ID: BD98891

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-25D-26D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.67	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	98		%	07/02/13	AW	30 - 150 %
% TCMX	107		%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-25D-26D

Phoenix I.D.: BD98891

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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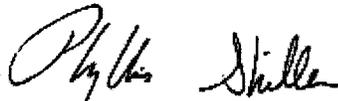
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

06/24/13
06/28/13

Time

10:20
16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98892

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-29D-30D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.55	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	88		%	07/02/13	AW	30 - 150 %
% TCMX	88		%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-29D-30D

Phoenix I.D.: BD98892

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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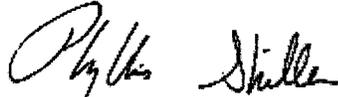
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time

06/24/13 10:30
06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98893

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-31D-32D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	85		%	07/02/13	AW	30 - 150 %
% TCMX	85		%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-31D-32D

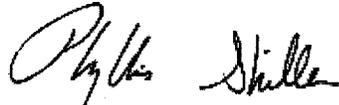
Phoenix I.D.: BD98893

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 06/24/13 10:45
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
 Phoenix ID: BD98894

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-33D-34D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	86		%	07/02/13	AW	30 - 150 %
% TCMX	90		%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-33D-34D

Phoenix I.D.: BD98894

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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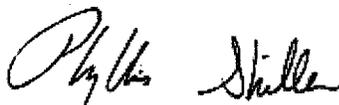
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

06/24/13
06/28/13

Time

11:00
16:36

Laboratory Data

SDG ID: GBD98884
Phoenix ID: BD98895

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-35D-36D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.39	mg/kg	07/03/13	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	07/03/13	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	07/03/13	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	07/03/13	AW	3540C/8082
PCB-1248	1.8	0.39	mg/kg	07/03/13	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	07/03/13	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	07/03/13	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	07/03/13	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	07/03/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	100		%	07/03/13	AW	30 - 150 %
% TCMX	102		%	07/03/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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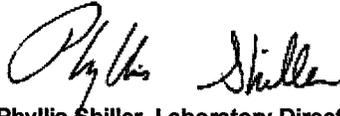
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 06/24/13 11:15
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
 Phoenix ID: BD98896

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-37D-38D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.79	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	96		%	07/02/13	AW	30 - 150 %
% TCMX	91		%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-37D-38D

Phoenix I.D.: BD98896

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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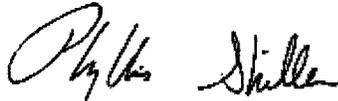
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time

06/24/13 11:35
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
 Phoenix ID: BD98897

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-39D-40D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.69	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	102		%	07/02/13	AW	30 - 150 %
% TCMX	92		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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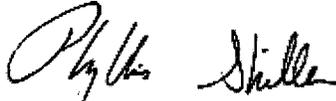
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 06/24/13 11:50
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
 Phoenix ID: BD98898

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-47D-48D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

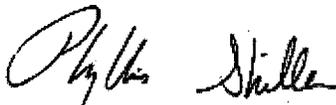
% DCBP	83		%	07/02/13	AW	30 - 150 %
% TCMX	82		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 06/24/13 12:05
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
 Phoenix ID: BD98899

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-106D-107D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	148		%	07/02/13	AW	30 - 150 %
% TCMX	145		%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-106D-107D

Phoenix I.D.: BD98899

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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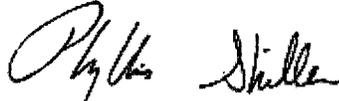
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 06/24/13 12:20
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
 Phoenix ID: BD98900

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-108D-109D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.75	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

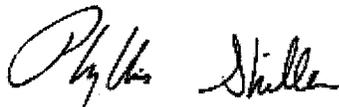
% DCBP	106		%	07/02/13	AW	30 - 150 %
% TCMX	102		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

06/24/13
 06/28/13

Time

12:30
 16:36

Laboratory Data

SDG ID: GBD98884
 Phoenix ID: BD98901

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-110D-111D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	90		%	07/02/13	AW	30 - 150 %
% TCMX	85		%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007.ECC-AG-SOIL-110D-111D

Phoenix I.D.: BD98901

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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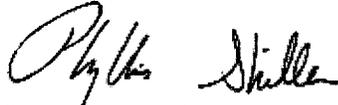
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 06/24/13 12:50
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
 Phoenix ID: BD98902

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-112D-113D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	88		%	07/02/13	AW	30 - 150 %
% TCMX	83		%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-112D-113D

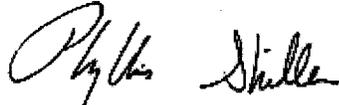
Phoenix I.D.: BD98902

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT, 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 06/24/13 13:05
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98884
 Phoenix ID: BD98903

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-118D-119D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	84		%	07/02/13	AW	30 - 150 %
% TCMX	86		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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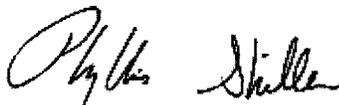
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

July 22, 2013

QA/QC Data

SDG I.D.: GBD98884

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 237953, QC Sample No: BD98884 (BD98884, BD98885, BD98886, BD98887, BD98888, BD98889, BD98890, BD98891, BD98892, BD98893, BD98894, BD98896, BD98897, BD98898, BD98899, BD98900, BD98901, BD98902)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	80	72	10.5	87	76	13.5	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	88	70	22.8	97	86	12.0	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	94	100	80	22.2	101	90	11.5	30 - 150	30
% TCMX (Surrogate Rec)	84	84	83	1.2	93	79	16.3	30 - 150	30
QA/QC Batch 237973, QC Sample No: BD98912 (BD98903)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	76	74	2.7	100	87	13.9	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	76	70	8.2	96	81	16.9	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	94	88	79	10.8	94	80	16.1	30 - 150	30
% TCMX (Surrogate Rec)	83	89	88	1.1	88	90	2.2	30 - 150	30
QA/QC Batch 238220, QC Sample No: BD98923 (BD98895)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	91	93	2.2	110	106	3.7	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	91	93	2.2	98	98	0.0	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	86	89	93	4.4	131	133	1.5	30 - 150	30
% TCMX (Surrogate Rec)	86	89	91	2.2	99	101	2.0	30 - 150	30

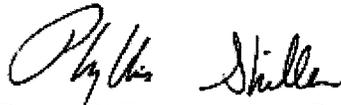
QA/QC Data

SDG I.D.: GBD98884

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


Phyllis Shiller, Laboratory Director
July 22, 2013

Monday, July 22, 2013

Page 1 of 1

Sample Criteria Exceedences Report

Requested Criteria: None

GBD98884 - FOPCBTR

State: CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



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RCP Certification Report

July 22, 2013

SDG I.D.: GBD98884

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 07/02/13-1 (BD98890, BD98891, BD98892, BD98893, BD98894, BD98896, BD98897, BD98898, BD98899, BD98900, BD98901, BD98902, BD98903)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 7/2/2013

Instrument: Au-ecd1 07/03/13-1 (BD98895)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 7/3/2013

Instrument: Au-ecd3 07/01/13-1 (BD98884, BD98885, BD98886, BD98887, BD98888, BD98889)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: one of the continuing calibration standard recovery was above criteria; however all samples reported were below the reporting value.

Printed Name Adam Werner
Position: Chemist
Date: 7/1/2013



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RCP Certification Report

July 22, 2013

SDG I.D.: GBD98884

QC (Site Specific)

———— Sample No: BD98884, QA/QC Batch: 237953 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

———— Sample No: BD98912, QA/QC Batch: 237973 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD98923, QA/QC Batch: 238220 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)

600000

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- Other

CHAIN-OF-CUSTODY RECORD 14117

PROJECT NAME: **Central High School** PROJECT LOCATION: **Bridgeport, CT** PROJECT NUMBER: **20110793 AZE** LABORATORY: **Phoenix**

REPORT TO: **Kevin McLarty / Karen Redfield** Analysis Request: **PCBs 3540c / 3082**

INVOICE TO: **Kevin McLarty / Karen Redfield**

P.O. No.: **20110793 AZE** Date: **6-24-13**

Sampler's Signature: *B. Hobbs* W=Water S=Soil T=Treatment Facility

Source Codes: MW=Monitoring Well PW=Portable Water SW=Surface Water T=Treatment Facility S=Soil B=Sediment

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request	Containers							Comments	
	1	2	3	4						Soil VOA Val. [] methanol	Soil VOA Val. [] water	Glass Soil Container () or [] NaOH	Other:	Water VOA Val. [] As Is [] HCl	Glass Amber () ml [] As Is [] HCl	Plastic - As Is [] 250 ml [] 500 [] 1000 ml		Plastic - H ₂ SO ₄ [] 250 ml [] 500 [] 1000 ml
11	✓	✓	✓	✓	201306248007	S	6-24-13	0930	PCBs 3540c / 3082									Composite 10D
12	✓	✓	✓	✓	ECC-AG-SOIL-20D			0935										Composite 20D
13	✓	✓	✓	✓	ECC-AG-SOIL-21D			0940										Composite 21D
14	✓	✓	✓	✓	ECC-AG-SOIL-22D			0945										Composite 22D
15	✓	✓	✓	✓	ECC-AG-SOIL-25D			0955										Composite 25D
16	✓	✓	✓	✓	ECC-AG-SOIL-26D			1000										Composite 26D
17	✓	✓	✓	✓	ECC-AG-SOIL-29D			1010										Composite 29D
18	✓	✓	✓	✓	ECC-AG-SOIL-30D			1020										Composite 30D
19	✓	✓	✓	✓	ECC-AG-SOIL-31D			1025										Composite 31D
20	✓	✓	✓	✓	ECC-AG-SOIL-32D			1030										Composite 32D

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	<i>B. Hobbs</i>	<i>FOO Frigg</i>	6/24/13	1600	Composite AG Soil Samples = < 0.5 ppm
2	<i>FOO Frigg</i>	<i>Kevin McLarty</i>	6/28/13	1015	Additional Comments: Samples collected at columns and at 24" depth
3	<i>Kevin McLarty</i>	<i>Kevin McLarty</i>	6/28/13	1015	
4	<i>Kevin McLarty</i>	<i>Kevin McLarty</i>	6/28/13	1030	



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- 80 Washington Street, Suite 301, Poughkeepsis, NY 12601
- Other

6/11/13

CHAIN-OF-CUSTODY RECORD 14118

PROJECT NAME: **Central High School**
PROJECT LOCATION: **Bridgeport, CT**
PROJECT NUMBER: **20110731.AZE**

LABORATORY: **PHOENIX**

REPORT TO: **Kevin McCarthy / Karen Redfield**
INVOICE TO:
P.O. No.: **20110731.AZE**
Sampler's Signature: **B. Hoffman** Date: **6-24-13**
Source Codes: MW=Monitoring Well, SW=Surface Water, PW=Potable Water, T=Treatment Facility, S=Soil, B=Bottom
W=Waste, A=Air

Item No.	Transfer Check	Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request	Containers	Comments
21	✓	EC-AG-SOIL-33D	S	6-24	1035	✓	Soil VOA Val. [] methanol [] NaOH [] water [] NaOH []	Composite 33D
22	✓	EC-AG-SOIL-34D			1045	✓	Soil VOA Val. [] methanol [] NaOH [] water [] NaOH []	Composite 34D
23	✓	EC-AG-SOIL-35D			1050	✓	Soil VOA Val. [] methanol [] NaOH [] water [] NaOH []	Composite 35D
24	✓	EC-AG-SOIL-36D			1100	✓	Soil VOA Val. [] methanol [] NaOH [] water [] NaOH []	Composite 36D
25	✓	EC-AG-SOIL-37D			1105	✓	Soil VOA Val. [] methanol [] NaOH [] water [] NaOH []	Composite 37D
26	✓	EC-AG-SOIL-38D			1115	✓	Soil VOA Val. [] methanol [] NaOH [] water [] NaOH []	Composite 38D
27	✓	EC-AG-SOIL-39D			1125	✓	Soil VOA Val. [] methanol [] NaOH [] water [] NaOH []	Composite 39D
28	✓	EC-AG-SOIL-40D			1135	✓	Soil VOA Val. [] methanol [] NaOH [] water [] NaOH []	Composite 40D
29	✓	EC-AG-SOIL-47P			1145	✓	Soil VOA Val. [] methanol [] NaOH [] water [] NaOH []	Composite 47D
30	✓	EC-AG-SOIL-48D			1150	✓	Soil VOA Val. [] methanol [] NaOH [] water [] NaOH []	Composite 48D

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	B. Hoffman	FJO Fudge	6-24	1600	Composite AG-Soil Samples = 2.0.5 PPM
2	FJO Fudge	S	6/25/13	1045	Additional Comments: samples collected at columns and at 24" depth
3	S	S	6/25/13	1045	
4	B. Hoffman	S	6/28/13	1630	



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- Other

CHAIN-OF-CUSTODY RECORD

14119

PROJECT NAME

Central High School

PROJECT LOCATION

Bridgeport, CT

PROJECT NUMBER

2010739.AZE

LABORATORY

Phoenix

REPORT TO:

Kenn McLaughlin / Karen Redfield

INVOICE TO:

P.O. No.: 2010739.AZE

Sampler's Signature:

B. Hoffkin

Date: 6-24-13

Source Codes:
MW=Monitoring Well
SW=Surface Water

PW=Potable Water
T=Treatment Facility

W=Waste
A=Air

S=Soil
B=Bottom Sediment

X=Other

Analysis Request

Containers

Item No.	Transfer Check	Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request	Containers	Comments
31	✓	201306241007	5	6-24	12:00	PCBs, SVOC, BOD	Soil VOA Val. [] methanol Soil VOA Val. [] water Glass Soil Container (4) [] Na2SO4 Other [] Na2SO4	Composite 1060
32	✓	ECC-AG-SOIL-1060			12:05		Water VOA Val. [] As Is [] HCl Glass Amber () ml [] As Is [] HCl Plastic - As Is, [] 250 ml [] 500 ml [] 1000 ml Plastic - H2SO4, [] 250 ml [] 500 ml [] 1000 ml Plastic - HNO3, 250 ml [] filtered [] Unfiltered Plastic - NaOH, 250 ml []	Composite 107-D
33	✓	ECC-AG-SOIL-108D			12:10			Composite 108D
34	✓	ECC-AF-SOIL-109D			12:20			Composite 109D
35	✓	ECC-AG-SOIL-110D			12:25			Composite 110D
36	✓	ECC-AG-SOIL-111D			12:30			Composite 111D
37	✓	ECC-AG-SOIL-112D			12:40			Composite 112D
38	✓	ECC-AG-SOIL-113D			12:50			Composite 113D
39	✓	ECC-AG-SOIL-118D			13:00			Composite 118D
40	✓	ECC-AG-SOIL-119D			13:05			Composite 119D

Transfer Number

1 B. Hoffkin
2 FOO Fudge
3 FOO Fudge
4 FOO Fudge

Accepted By

FOO Fudge
FOO Fudge
FOO Fudge
FOO Fudge

Date

6-24-13
6/28/13
6/28/13
6/28/13

Reporting and Detection Limit Requirements:
Composite At-Soil Samples = < 0.5 ppm

Additional Comments:
Samples collected at columns and at 24" depth



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Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

06/24/13
 06/28/13

Time

13:20
 16:36

Laboratory Data

SDG ID: GBD98904
 Phoenix ID: BD98904

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-120D-121D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.38	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

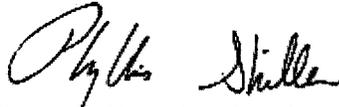
% DCBP	99		%	07/02/13	AW	30 - 150 %
% TCMX	101		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



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Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

06/24/13
 06/28/13

Time

13:35
 16:36

Laboratory Data

SDG ID: GBD98904
 Phoenix ID: BD98905

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-122D-123D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.39	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	97		%	07/02/13	AW	30 - 150 %
% TCMX	96		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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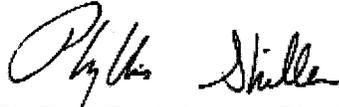
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



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Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

Time

06/24/13 13:55
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
 Phoenix ID: BD98906

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-124D-125D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

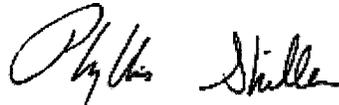
% DCBP	87		%	07/02/13	AW	30 - 150 %
% TCMX	86		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



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Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

Time

06/24/13 14:20
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
 Phoenix ID: BD98907

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-126D-127D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	92		%	07/02/13	AW	30 - 150 %
% TCMX	92		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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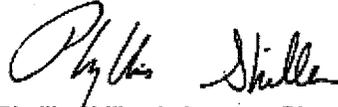
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

06/24/13
 06/28/13

Time

14:40
 16:36

Laboratory Data

SDG ID: GBD98904
 Phoenix ID: BD98908

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-128D-129D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	91		%	07/02/13	AW	30 - 150 %
% TCMX	88		%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-128D-129D

Phoenix I.D.: BD98908

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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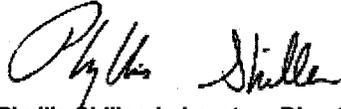
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

06/24/13
 06/28/13

Time

14:55
 16:36

Laboratory Data

SDG ID: GBD98904
 Phoenix ID: BD98909

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-130D-131D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	98		%	07/02/13	AW	30 - 150 %
% TCMX	87		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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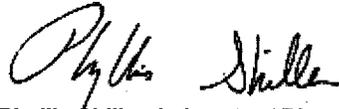
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

Time

06/24/13 15:10
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
 Phoenix ID: BD98910

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-132D-133D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	94		%	07/02/13	AW	30 - 150 %
% TCMX	74		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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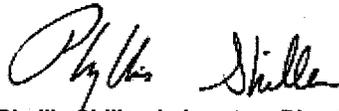
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

Time

06/24/13 15:30
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
 Phoenix ID: BD98911

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-134D-135D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

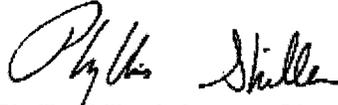
% DCBP	87		%	07/02/13	AW	30 - 150 %
% TCMX	61		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

06/24/13
 06/28/13

Time

15:55
 16:36

Laboratory Data

SDG ID: GBD98904
 Phoenix ID: BD98912

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-136D-137D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.82	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	83		%	07/02/13	AW	30 - 150 %
% TCMX	70		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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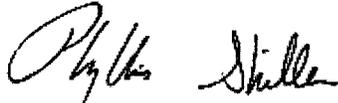
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

Time

06/24/13 16:10
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
 Phoenix ID: BD98913

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-138D-139D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82		%	07/02/13	AW	30 - 150 %
% TCMX	75		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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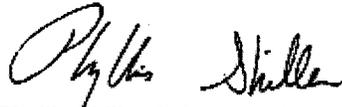
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

Time

06/24/13 16:20
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
 Phoenix ID: BD98914

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-140D-141D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	76		%	07/02/13	AW	30 - 150 %
% TCMX	68		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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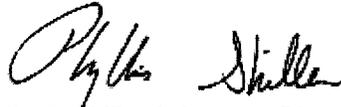
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

Time

06/24/13 16:35
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
 Phoenix ID: BD98915

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-160D-161D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	1.2	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	89		%	07/02/13	AW	30 - 150 %
% TCMX	71		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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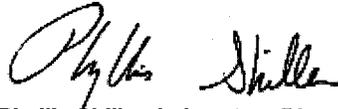
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

06/24/13
 06/28/13

Time

16:45
 16:36

Laboratory Data

SDG ID: GBD98904
 Phoenix ID: BD98916

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-164D-165D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

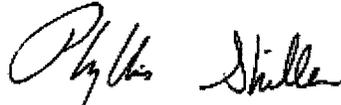
% DCBP	88		%	07/02/13	AW	30 - 150 %
% TCMX	74		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

Time

06/24/13 16:55
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
 Phoenix ID: BD98917

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-166D-167D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	86		%	07/02/13	AW	30 - 150 %
% TCMX	69		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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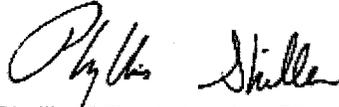
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 06/24/13 17:05
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
 Phoenix ID: BD98918

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-168D-169D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	88		%	07/02/13	AW	30 - 150 %
% TCMX	77		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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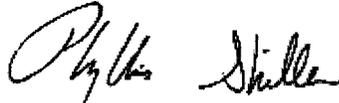
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 06/24/13 17:15
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
 Phoenix ID: BD98919

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-172D-173D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

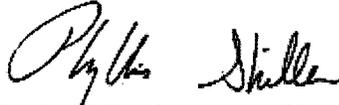
% DCBP	97		%	07/02/13	AW	30 - 150 %
% TCMX	75		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

06/24/13
 06/28/13

Time

17:25
 16:36

Laboratory Data

SDG ID: GBD98904
 Phoenix ID: BD98920

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-174D-175D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	75		%	07/02/13	AW	30 - 150 %
% TCMX	92		%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-174D-175D

Phoenix I.D.: BD98920

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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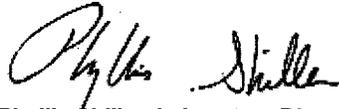
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 06/24/13 17:40
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
 Phoenix ID: BD98921

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-181D-182D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.94	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	120		%	07/02/13	AW	30 - 150 %
% TCMX	92		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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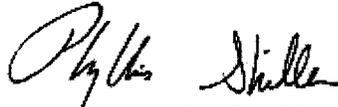
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

06/24/13
 06/28/13

Time

17:50
 16:36

Laboratory Data

SDG ID: GBD98904
 Phoenix ID: BD98922

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-186D-187D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			06/28/13	NP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.38	mg/kg	07/03/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	07/03/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	07/03/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	07/03/13	AW	3540C/8082
PCB-1248	1.2	0.38	mg/kg	07/03/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	07/03/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	07/03/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	07/03/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	07/03/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	118		%	07/03/13	AW	30 - 150 %
% TCMX	96		%	07/03/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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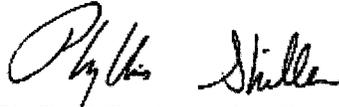
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 06/24/13 18:00
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98904
 Phoenix ID: BD98923

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-188D-189D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/HB	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.42	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	128		%	07/02/13	AW	30 - 150 %
% TCMX	97		%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-188D-189D

Phoenix I.D.: BD98923

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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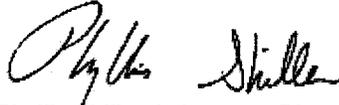
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

July 22, 2013

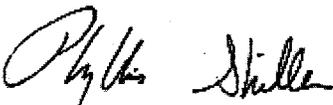
QA/QC Data

SDG I.D.: GBD98904

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 237973, QC Sample No: BD98912 (BD98904, BD98905, BD98906, BD98907, BD98908, BD98909, BD98910, BD98911, BD98912, BD98913, BD98914, BD98915, BD98916, BD98917, BD98918, BD98919, BD98920, BD98921, BD98922)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	76	74	2.7	100	87	13.9	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	76	70	8.2	96	81	16.9	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	94	88	79	10.8	94	80	16.1	30 - 150	30
% TCMX (Surrogate Rec)	83	89	88	1.1	88	90	2.2	30 - 150	30
QA/QC Batch 238220, QC Sample No: BD98923 (BD98923)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	91	93	2.2	110	106	3.7	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	91	93	2.2	98	98	0.0	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	86	89	93	4.4	131	133	1.5	30 - 150	30
% TCMX (Surrogate Rec)	86	89	91	2.2	99	101	2.0	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


 Phyllis Shiller, Laboratory Director
 July 22, 2013

Monday, July 22, 2013

Sample Criteria Exceedences Report

Requested Criteria: None

GBD98904 - FOPCBTR

State: CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis	Units
--------	-------	-----------------	----------	--------	----	----------	----	----------	-------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



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RCP Certification Report

July 22, 2013

SDG LD.: GBD98904

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 07/02/13-1 (BD98904, BD98905, BD98906, BD98907, BD98908, BD98909, BD98910, BD98911)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 7/2/2013

Instrument: Au-ecd1 07/03/13-1 (BD98922)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 7/3/2013

Instrument: Au-ecd5 07/02/13-1 (BD98920)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 7/2/2013

Instrument: Au-ecd7 07/02/13-1 (BD98912, BD98913, BD98914, BD98915, BD98916, BD98917, BD98918, BD98919, BD98921, BD98923)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none



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RCP Certification Report

July 22, 2013

SDG LD.: GBD98904

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 7/2/2013

QC (Site Specific)

———— Sample No: BD98912, QA/QC Batch: 237973 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

———— Sample No: BD98923, QA/QC Batch: 238220 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)



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RCP Certification Report

July 22, 2013

SDG I.D.: GBD98904



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- 275 Promenade Street, Suite 350, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY 12601
- Other

6/24/13

CHAIN-OF-CUSTODY RECORD 14120

PROJECT NAME: **Central High School**
PROJECT LOCATION: **Bridgeport, CT**

PROJECT NUMBER: **20110739.AZE**

LABORATORY: **Phoenix**

REPORT TO: **Kevin McCarthy / Karen Redfield**
INVOICE TO:

P.O. No.: **20110739.AZE**
Sampler's Signature: **B. Hoffman** Date: **6-24-13**

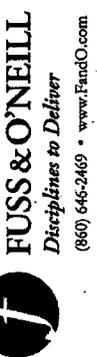
Source Codes: PW=Potable Water, W=Waste, A=Air
MW=Monitoring Well, T=Treatment Facility, S=Soil, B=Bottom Sediment
SW=Surface Water

X=Other

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request	Containers										Comments				
	1	2	3	4						Soil VOA Vial [] methanol	Soil VOA Vial [] water [] NaOH	Glass Soil Container () or [] NaOH	Other	Water VOA Vial [] As [] HCl	Glass Amber () ml [] As [] HCl	Plastic - As Is [] 250 ml [] 500 ml [] 1000 ml	Plastic - H ₂ SO ₄ [] 250 ml [] 500 ml [] 1000 ml	Plastic - HNO ₃ [] 250 ml [] 500 ml [] 1000 ml	Plastic - NaOH 250 ml [] filtered [] unfiltered					
41	✓	✓	✓	✓	ECC-AG-SOIL-120 D	S	6/24	1310	✓	20110739.AZE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Composite 120 D	
42	✓	✓	✓	✓	ECC-AG-SOIL-121 D			1320	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	121 D
43	✓	✓	✓	✓	ECC-AG-SOIL-122 D			1325	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Composite 122 D
44	✓	✓	✓	✓	ECC-AG-SOIL-123 D			1338	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	123 D
45	✓	✓	✓	✓	ECC-AG-SOIL-124 D			1345	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Composite 124 D
46	✓	✓	✓	✓	ECC-AG-SOIL-125 D			1355	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	125 D
47	✓	✓	✓	✓	ECC-AG-SOIL-126 D			1410	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Composite 126 D
48	✓	✓	✓	✓	ECC-AG-SOIL-127 D			1420	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	127 D
49	✓	✓	✓	✓	ECC-AG-SOIL-128 D			1430	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Composite 128 D
50	✓	✓	✓	✓	ECC-AG-SOIL-129 D			1440	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	129 D

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	B. Hoffman	F&O Edge	6/24	1600	Composite AG-Soil Samples = <0.5 PPM
2	F&O Edge		6/25/13	1045	Additional Comments: Samples collected at columns and at 24" depth.
3			6/29/13	1015	
4			6/28/13	1030	

6/24/13



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- Other

CHAIN-OF-CUSTODY RECORD 14121

PROJECT NAME: Central High School
 PROJECT LOCATION: Budapest, CT
 REPORT TO: Kevin McLaughlin / Kevin Redfield
 INVOICE TO:
 P.O. No.: 20110739.AZE
 Sampler's Signature: B. Hopkins Date: 6-24-13
 Source Codes: PW=Potable Water W=Waste
 MW=Monitoring Well T=Treatment Facility B=Sediment A=Air
 SW=Surface Water X=Other

Item No.	Transfer Check	Sample Number	Source Code	Date Sampled	Time Sampled	Analysis Request	Containers	Comments
51	✓	20110739.AZE	S	6-24	1445	PCBs 3549L / 3087	SOIL VOA VAL [] methanol	Composite 130P
52	✓	ECC-AG-SOIL-130P			1456		SOIL VOA VAL [] water [] MeqSO ₄	Composite 131D
53	✓	ECC-AG-SOIL-131D			1500		Other: Glass Soil Container (H) or Water VOA Val [] As is [] HCl	Composite 132D
54	✓	ECC-AG-SOIL-132D			1510		Water VOA Val [] As is [] HCl	Composite 133D
55	✓	ECC-AG-SOIL-133D			1520		Class Amber () or Glass Amber ()	Composite 134D
56	✓	ECC-AG-SOIL-134D			1530		Plastic - As is [] 250 ml [] 500 ml [] 1000 ml	Composite 135D
57	✓	ECC-AG-SOIL-135D			1540		Plastic - HNO ₃ [] 250 ml [] 500 ml [] 1000 ml	Composite 136D
58	✓	ECC-AG-SOIL-136D			1555		Plastic - H ₂ SO ₄ [] 250 ml [] 500 ml [] 1000 ml	Composite 137D
59	✓	ECC-AG-SOIL-137D			1600		Plastic - NaOH, 250 ml [] Unlabeled	Composite 138D
60	✓	ECC-AG-SOIL-138D			1610			Composite 139D

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	R. Hopkins	FtO Fridge	6-24	1600	Composite AG-SOIL Samples = L.O.S. PPM
2	FtO Fridge	S.P. S.	6/25/13	1025	Additional Comments: Samples collected at columns and at 24" depth.
3	S.P. S.	Kevin McLaughlin	6/28/13	1015	
4	Kevin McLaughlin	J.K.	6/28/13	1630	

Central



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- 24 Madison Avenue Extension, Albany, NY 12203

- 275 Promenade Street, Suite 350, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY 12601
- Other

CHAIN-OF-CUSTODY RECORD 14122

PROJECT NAME: **Central High School**
 PROJECT LOCATION: **Bridgeport, CT**
 REPORT TO: **Kevin McLaughlin / Kemper Academics**
 INVOICE TO:

PROJECT NUMBER: **20110731-AZE**

LABORATORY: **Phoenix**

P.O. No.: **20110731-AZE**
 Sampler's Signature: **B. Hobbins** Date: **6-24-13**

Source Codes:
 MW=Monitoring Well
 SW=Surface Water
 PW=Potable Water
 T=Treatment Facility
 S=Soil
 B=Sediment
 W=Waste
 A=Air

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				
64	/	/	/	/	ECC-AG-SOIL-140 P	S	6-24	1615
62	/	/	/	/	ECC-AG-SOIL-141 D			1620
63	/	/	/	/	ECC-AG-SOIL-160 D			1630
64	/	/	/	/	ECC-AG-SOIL-161 D			1635
65	/	/	/	/	ECC-AG-SOIL-164 D			1640
66	/	/	/	/	ECC-AG-SOIL-165 D			1645
67	/	/	/	/	ECC-AT-SOIL-166 D			1650
68	/	/	/	/	ECC-AT-SOIL-167 D			1655
69	/	/	/	/	ECC-AT-SOIL-168 D			1700
70	/	/	/	/	ECC-AO-SOIL-169 D			1705

Analysis Request	SOIL VOA VAL [] methanol	GLASS SOIL CONTAINER (H) or (M)	GLASS SOIL CONTAINER (H) or (M)	OTHER	WATER VOA VAL [] As is [] HCl [] H2SO4	GLASS AMBER ()	PLASTIC - As is [] 250 ml [] 500 ml [] 1000 ml	PLASTIC - HNO3 [] 250 ml [] 500 ml [] 1000 ml	PLASTIC - H2SO4 [] 250 ml [] 500 ml [] 1000 ml	PLASTIC - NaOH, 250 ml [] Unlabeled	Comments
<i>PCS 35402 / 8082</i>											Composite 140D
											Composite 141D
											Composite 160D
											161D
											Composite 164D
											165D
											Composite 166D
											167D
											Composite 168D
											169D

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	B. Hobbins	Fto Frigh	6-24	1600	Composite At-Soil Samples = 20.5 PPM
2	Fto Frigh	<i>[Signature]</i>	6-25-13	1025	Additional Comments: samples collected at columns and at 24" depth
3	S. Frigh	<i>[Signature]</i>	6-28-13	1125	
4	<i>[Signature]</i>	<i>[Signature]</i>	6-28-13	1630	



Environmental Laboratories, Inc.

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Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

Time

06/24/13 17:15
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98924
 Phoenix ID: BD98924

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-190D-191D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.84	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

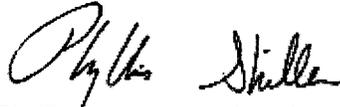
% DCBP	88		%	07/02/13	AW	30 - 150 %
% TCMX	88		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

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Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 06/24/13 17:25
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98924
 Phoenix ID: BD98925

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-192D-193D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	84		%	07/02/13	AW	30 - 150 %
% TCMX	96		%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-192D-193D

Phoenix I.D.: BD98925

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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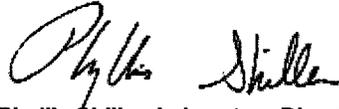
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



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Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

06/24/13
 06/28/13

Time

17:35
 16:36

Laboratory Data

SDG ID: GBD98924
 Phoenix ID: BD98926

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-196D-197D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.61	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	106		%	07/02/13	AW	30 - 150 %
% TCMX	88		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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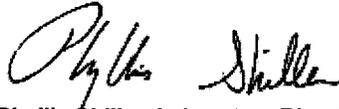
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



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Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

06/24/13
 06/28/13

Time

17:45
 16:36

Laboratory Data

SDG ID: GBD98924
 Phoenix ID: BD98927

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-198D-199D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.5	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	102		%	07/02/13	AW	30 - 150 %
% TCMX	87		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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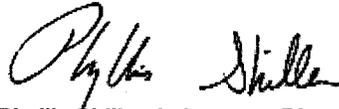
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

06/24/13
06/28/13

Time

17:55
16:36

Laboratory Data

SDG ID: GBD98924
Phoenix ID: BD98928

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-200D-201D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.81	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	87		%	07/02/13	AW	30 - 150 %
% TCMX	90		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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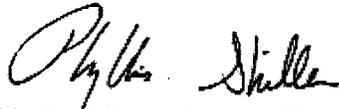
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

Time

06/24/13 18:05
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98924
 Phoenix ID: BD98929

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-204D-205D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	1.8	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	105		%	07/02/13	AW	30 - 150 %
% TCMX	100		%	07/02/13	AW	30 - 150 %

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-204D-205D

Phoenix I.D.: BD98929

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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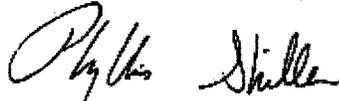
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

Time

06/24/13 18:10
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98924
 Phoenix ID: BD98930

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-208D-209D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	0.69	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	102		%	07/02/13	AW	30 - 150 %
% TCMX	98		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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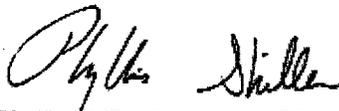
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

Time

06/24/13 18:20
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98924
 Phoenix ID: BD98931

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-210D-211D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	83		%	07/02/13	AW	30 - 150 %
% TCMX	81		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOIL
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

Time

06/24/13 18:30
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98924
 Phoenix ID: BD98932

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-SOIL-212D-213D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL
<u>PCB (Soxhlet)</u>						
PCB-1016	ND	0.34	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	07/02/13	AW	3540C/8082
<u>QA/QC Surrogates</u>						
% DCBP	84		%	07/02/13	AW	30 - 150 %
% TCMX	84		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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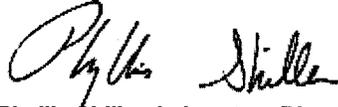
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

06/24/13
06/28/13

Time

13:05
16:36

Laboratory Data

SDG ID: GBD98924
Phoenix ID: BD98933

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-41C-42C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	82		%	07/02/13	AW	30 - 150 %
% TCMX	93		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
Fuss & O'Neill, Inc.
56 Quarry Road
Trumbull, CT 06611

Sample Information

Matrix: SOIL
Location Code: F&OPCBTR
Rush Request: Standard
P.O.#: 20110793A2E

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

06/24/13
06/28/13

Time

17:00
16:36

Laboratory Data

SDG ID: GBD98924
Phoenix ID: BD98934

Project ID: CENTRAL HIGH SCHOOL
Client ID: 201306241007 ECC-AG-SOIL-208C-209C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	100		%	07/02/13	AW	30 - 150 %
% TCMX	94		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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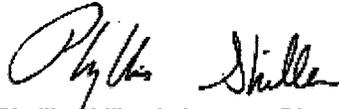
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

July 22, 2013

FOR: Attn: Mr Kevin McCarthy
 Fuss & O'Neill, Inc.
 56 Quarry Road
 Trumbull, CT 06611

Sample Information

Matrix: SOLID
 Location Code: F&OPCBTR
 Rush Request: Standard
 P.O.#: 20110793A2E

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

Time

06/25/13 9:30
 06/28/13 16:36

Laboratory Data

SDG ID: GBD98924
 Phoenix ID: BD98935

Project ID: CENTRAL HIGH SCHOOL
 Client ID: 201306241007 ECC-AG-CONCRETE-03C-04C

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	06/29/13	JL	E160.3
Extraction for PCB	Completed			07/01/13	PP/K	SW3540C
Compositing Fee	Completed			07/18/13	PL	PEL

PCB (Soxhlet)

PCB-1016	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1248	1.9	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	07/02/13	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	07/02/13	AW	3540C/8082

QA/QC Surrogates

% DCBP	97		%	07/02/13	AW	30 - 150 %
% TCMX	99		%	07/02/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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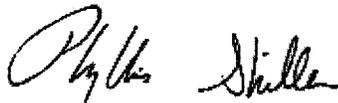
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

July 22, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

July 22, 2013

QA/QC Data

SDG I.D.: GBD98924

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 238273, QC Sample No: BD98924 (BD98924, BD98925, BD98926, BD98927, BD98928, BD98929, BD98930, BD98931, BD98932, BD98933, BD98934, BD98935)									
Polychlorinated Biphenyls - Soil, Solid									
PCB-1016	ND	90	91	1.1				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	88	88	0.0				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	85	85	86	1.2				30 - 150	30
% TCMX (Surrogate Rec)	86	90	91	1.1				30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

Phyllis Shiller
 Phyllis Shiller, Laboratory Director
 July 22, 2013

Monday, July 22, 2013

Sample Criteria Exceedences Report

Page 1 of 1

Requested Criteria: None

State: CT

GBD98924 - FOPCBTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis	Units
--------	-------	-----------------	----------	--------	----	----------	----	----------	-------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OPCBTR

Project Location: CENTRAL HIGH SCHOOL **Project Number:**

Laboratory Sample ID(s): BD98924, BD98925, BD98926, BD98927, BD98928, BD98929, BD98930, BD98931, BD98932, BD98933, BD98934, BD98935

Sampling Date(s): 6/24/2013, 6/25/2013

RCP Methods Used:

1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

<p>I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.</p>	
<p>Authorized Signature: _____</p>	<p>Date: Monday, July 22, 2013</p>
<p><i>Rmakol</i></p>	<p>Printed Name: Rashmi Makol</p>
	<p>Position: Project Manager</p>



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

July 22, 2013

SDG I.D.: GBD98924

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd24 07/02/13-1 (BD98930)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 7/2/2013

Instrument: Au-ecd5 07/02/13-1 (BD98927)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 7/2/2013

Instrument: Au-ecd7 07/02/13-1 (BD98924, BD98925, BD98926, BD98927, BD98928, BD98929, BD98930, BD98931, BD98932, BD98933, BD98934, BD98935)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 7/2/2013

Instrument: Au-ecd8 07/02/13-1 (BD98924)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

July 22, 2013

SDG I.D.: GBD98924

Printed Name Adam Werner
Position: Chemist
Date: 7/2/2013

QC (Site Specific)

———— Sample No: BD98924, QA/QC Batch: 238273 ————

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples in this delivery group were received at 6°C.
(Note acceptance criteria is above freezing up to 6°C)

6/22/02

- 1 Day* 2 Days* 3 Days* Standard (5 days) Other _____ (days)
- 275 Promenade Street, Suite 350, Providence, RI 02908
- 80 Washington Street, Suite 301, Poughkeepsie, NY 12601
- Other _____

- 78 Interstate Drive, West Springfield, MA 01089
- 610 Lynndale Court, Suite E, Greenville, NC 27838
- 24 Madison Avenue Extension, Albany, NY 12203

- 146 Hartford Road, Manchester, CT 06040
- 56 Quarry Road, Trumbull, CT 06611
- 1419 Richland Street, Columbia, SC 29201

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CHAIN-OF-CUSTODY RECORD 14124

PROJECT NAME: Central High School PROJECT LOCATION: Bridgeport, CT PROJECT NUMBER: 20110737-AZE LABORATORY: Phoenix

REPORT TO: Kevin McLaughlin / Kevin Redfield Analysis Request: PCBs 2540, 2082

INVOICE TO: _____

P.O. NO.: _____

Sampler's Signature: B. Hollwin Date: 6-24-02

Source Codes: MW=Monitoring Well PW=Portable Water W=Waste SW=Surface Water T=Treatment Facility A=Air

Item No.	Transfer Check				Sample Number	Source Code	Date Sampled	Time Sampled
	1	2	3	4				

81	✓	✓	✓	✓	201306241007	S	6-24	1710
82	✓	✓	✓	✓	ECC-AG-SOIL-190D			1715
83	✓	✓	✓	✓	ECC-AG-SOIL-191D			1730
84	✓	✓	✓	✓	ECC-AG-SOIL-192D			1725
85	✓	✓	✓	✓	ECC-AG-SOIL-193D			1730
86	✓	✓	✓	✓	ECC-AG-SOIL-196D			1735
87	✓	✓	✓	✓	ECC-AG-SOIL-197D			1740
88	✓	✓	✓	✓	ECC-AG-SOIL-198D			1745
89	✓	✓	✓	✓	ECC-AG-SOIL-199D			1750
90	✓	✓	✓	✓	ECC-AG-SOIL-200P			1755
					ECC-AG-SOIL-201D			

Transfer Number	Relinquished By	Accepted By	Date	Time	Reporting and Detection Limit Requirements:
1	B. Hollwin's	Fto Frudge	6-24	1600	Composite AF-Soil Samples = 20.5 ppm
2	Fto Frudge	<i>[Signature]</i>	6/28/02	1015	Additional Comments: Samples collected at columns and 24" depth
3	<i>[Signature]</i>	<i>[Signature]</i>	6/28/02	1015	
4	<i>[Signature]</i>	<i>[Signature]</i>	6/28/02	1015	

Comments:
 Plastic - NaOH, 250 ml
 Plastic - HNO₃, 250 ml
 Plastic - H₂SO₄, 250 ml
 Plastic - As is, 250 ml
 Glass Amber () ml
 Glass VOA Val. (As is) [HCl] ml
 Water VOA Val. () ml
 Other
 Glass Soil Container (H) or
 Glass VOA Val. () methanol
 Glass VOA Val. () water
 Glass Soil Container (H) or [NaOH]₂

Appendix C

Technical Specification Section

POLYCHLORINATED BIPHENYL REMEDIATION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and General Provisions of Contract, including General Supplementary Conditions apply to this Section.
- B. Pre-Renovation Hazardous Materials Survey Report dated May 2012.
- C. Self-Implementing On-Site Cleanup and Disposal Plan dated October 2013.
- D. Hazardous Materials Abatement Drawing HM-01 through HM-12.

1.2 GENERAL REQUIREMENTS

- A. The Contractor shall furnish all labor, materials, facilities, equipment, installation services, employee training, notifications, permits, licenses, certifications, agreements and incidentals necessary to perform the specified work. Work shall be performed in accordance with the contract documents, the latest regulations from the Occupational Safety and Health Administration (OSHA), the United States Environmental Protection Agency (USEPA), and all other applicable federal, state and local agencies. Whenever the requirements of the above references conflict or overlap, the more stringent provision shall apply.
- B. All project personnel engaged in the work covered under this section shall be trained in accordance with OSHA Regulations 29 CFR 1910.1000 and 29 CFR 1910.1200.
- C. This section specifies the procedures for removal of existing materials containing polychlorinated biphenyls (PCBs), equal to or greater than (\geq) 50 parts per million (ppm), in the form of exterior expansion caulking compounds and exterior concrete column/rooftop coping stone caulking compounds as PCB Bulk Product Waste.
- D. This section specifies the procedures for removal of existing materials containing PCBs, less than ($<$) 50 ppm, in the form of soil as PCB Remediation Waste.
- E. This section specifies the procedures for removal of less than ($<$) 50 ppm PCBs containing materials in the form of interior window caulking compounds, interior and exterior window/door caulking compounds, exterior door caulking compounds, interior and exterior window glazing compounds, cove base glue, floor tile mastic, and ceiling tiles.
- F. This section specifies the procedures for encapsulating surfaces containing less than ($<$) 50 ppm PCBs in the form on structural concrete.
- G. Subsequent cleaning of all adjacent surfaces upon completion of work is also included in this section.
- H. Disturbance or removal of polychlorinated biphenyls (PCB) containing materials may cause a health hazard to workers and building occupants. The Contractor shall disclose

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

to all of his workers, supervisory personnel, subcontractors and consultants who will be at job site of the seriousness of the hazard and of proper work procedures which must be followed.

- I. Where in the performance of the work, workers, supervisory personnel, subcontractors, or consultants may encounter, disturb or otherwise function in the immediate vicinity of polychlorinated biphenyls (PCB) containing materials, appropriate, continuous measures as necessary to protect all workers from the hazard of exposure shall be taken. Such measures shall include the procedures and methods described herein, regulations of the OSHA, USEPA, and local requirements as applicable.
- J. The results of the testing for PCB containing materials are identified in the Self-Implementing On-Site Cleanup and Disposal Plan.
- K. Project Scope Locations and Work Statement: The project site is the located at Cnetral High School, 1 Lincoln Boulevard, Bridgeport, Connecticut. Locations of work are also detailed on the Figures provided in Self-Implementing On-Site Cleanup and Disposal Plan (SIP). The proposed removal and disposal activities to be performed by Contractor shall include the following:
 - 1. Site preparation and controls to facilitate remediation of PCBs. Containment procedures referenced for the abatement zone must be utilized for PCB Bulk Product Waste removal.
 - 2. Health and Safety in accordance with Occupation Safety and Health Administration (OSHA) requirements.
 - 3. Remove and dispose of approximately 18,000 linear feet of exterior expansion caulking compounds and exterior concrete column/rooftop coping stone caulking compounds as PCM Bulk Product Waste.
 - 4. Remove and dispose of approximately 700 cubic yards of soil as PCB Remediation Waste.
 - 5. Remove and dispose of approximately 100 vent systems and associated exterior vent caulking compounds, 30 older single window systems and associated interior window caulking and glazing compounds, 8 stair tower window/door systems and associated interior and exterior window/door caulking and glazing compounds, 190,000 square feet of floor tile black mastic, 10,000 square feet of cove base glue, and 20,000 square feet of ceiling tiles as <50 ppm PCB Containing Materials mixed with asbestos.
 - 6. Encapsulation of 18,000 square feet of contaminated structural concrete.
 - 7. Cleaning of each work area following complete removal of PCB containing materials to ensure adherence for post cleaning verification levels established in above referenced SIP.
 - 8. Recordkeeping and distribution as required in accordance with 40 CFR part 761.125 (c)(5).

1.3 REFERENCES

- A. The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only. Where a conflict or overlap among regulations and/or these specifications exist, the most stringent requirements shall apply.
 - 1. American National Standards Institute (ANSI)
 - a. ANSI.Z89.1 Personnel Protective Equipment - Protective Headwear for

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

- Industrial Worker's Requirements (Latest Revision)
- b. ANSI Z87
- 2. Code of Federal Regulations (CFR)
 - a. 29 CFR Subpart D- Walking, Working Surfaces
 - b. 29 CFR 1910.120 - Hazardous Waste Operations and Emergency Response (HAZWOPER).
 - c. 29 CFR 1910.134 - Respiratory Protection Standard
 - d. 29 CFR 1910.146 - Permit-Required Confined Spaces
 - e. 29 CFR 1910.1000 - Air Contaminants (Table Z-1)
 - f. 29 CFR 1910.1200 - Hazard Communication
 - g. 29 CFR 1926.20 - General Health and Safety Provisions
 - h. 29 CFR 1926.57 - Ventilation
 - i. 29 CFR 1926.59 - Hazard Communication Program
 - j. 29 CFR 1926.62 - Lead Exposure in Construction
 - k. 29 CFR 1926.95 - Criteria for Personal Protective Equipment
 - l. 29 CFR 1926, Subpart H - Materials Handling, Storage, Use and Disposal
 - m. 29 CFR 1926, Subpart L - Scaffolding
 - n. 29 CFR 1926, Subpart M - Fall Protection
 - o. 29 CFR 1926, Subpart X - Ladders
 - p. 29 CFR 1926, Subpart Z - Toxic and Hazardous Substances
 - q. 40 CFR 50.6 - National Primary and Secondary Ambient Air Quality Standards for Particulate Matter
 - r. 40 CFR 260 - Hazardous Waste Management System: General
 - s. 40 CFR 261 - Identification and Listing of Hazardous Waste
 - t. 40 CFR 262 - Standards Applicable to Generators of Hazardous Waste
 - u. 40 CFR 263 - Standards Applicable to Transporters of Hazardous Waste
 - v. 40 CFR 264 - Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
 - w. 40 CFR 265 - Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
 - x. 40 CFR 268 - Land Disposal Restrictions
 - y. 40 CFR 700 - Toxic Substances Control Act (TSCA)
 - z. 40 CFR 761 - PCBs Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions
 - aa. 49 CFR 105 - Hazardous Materials Program Definitions and General Procedures
 - ab. 49 CFR 171 - General Information, Regulations and Definitions
 - ac. 49 CFR 172 - Hazardous Material Table, Special Provisions, Hazardous Materials Communications, Emergency Response Information, and Training Requirements
 - ad. 49 CFR 173 - Shippers-General Requirements for Shipments and Packaging
 - ae. 49 CFR 177 - Carriage by Public Highway
 - af. 49 CFR 176 - Specifications for Packaging
- 3. National Institute for Occupational Safety and Health (NIOSH)
 - a. Publication Number 87-106 Respiratory Decision Logic
 - b. NIOSH /OSHA Booklet 3142 Lead in Construction
 - c. Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities (NIOSH Publication 85-115)
- 4. U.S. Environmental Protection Agency (USEPA), Toxic Substances Control Act

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

(TSCA)

- a. Polychlorinated Biphenyl (PCB) Site Revitalization Guidance Under the Toxic Substances Control Act
 - b. 40 CFR Part 761.50 - Applicability (b) (1-8)
 - c. 40 CFR Part 761.61 - PCB Remediation Waste
 - d. 40 CFR Part 761.62 - PCB Bulk Product Waste
 - e. 40 CFR Part 761.79 - Decontamination
5. Center for Disease Control (CDC): Air Pollution and Respiratory Health.

1.4 DEFINITIONS

- A. The following definitions as used within this technical specification as well as references to specific sections of the Code of Federal Regulation section 40 CFR Part 761 are provided. Definitions are extracted in part from 40 CFR Part 761.3, for full definitions refer to the specified section of regulations.
1. CERCLA means the Comprehensive Environmental Response, Compensation, and Liability Act (42 U.S.C. 9601-9657).
 2. Chemical waste landfill means a landfill at which protection against risk of injury to health or the environment from migration of PCBs to land, water, or the atmosphere is provided from PCBs and PCB Items deposited therein by locating, engineering, and operating the landfill as specified in §761.75.
 3. Cleanup Site means the areal extent of contamination and all suitable areas in very close proximity to the contamination necessary for implementation of a cleanup of PCB remediation waste, regardless of whether the site was intended for management of waste.
 4. Containment means the enclosure within the building which establishes a contaminated area and surrounds the location where PCB and/or other toxic or hazardous substance removal is taking place and establishes a Control Work Area.
 5. Designated Facility means the off-site disposer or commercial storer of PCB waste designated on the manifest as the facility that will receive a manifested shipment of PCB waste.
 6. Disposal means intentionally or accidentally to discard, throw away, or otherwise complete or terminate the useful life of PCBs and PCB Items. Disposal includes spills, leaks, and other uncontrolled discharges of PCBs as well as actions related to containing, transporting, destroying, degrading, decontaminating, or confining PCBs and PCB Items.
 7. DOT means the United States Department of Transportation.
 8. EPA identification number means the 12-digit number assigned to a facility by EPA upon notification of PCB waste activity under §761.205.
 9. Excluded PCB products means PCB materials which appear at concentrations less than 50 ppm as defined in 40 CFR §761.3.
 10. Fixed Object: means mechanical equipment, electrical equipment, fire detection systems, alarms, and all other fixed equipment, fixtures or other items which cannot be removed from the work area.
 11. Generator of PCB waste means any person whose act or process produces PCBs that are regulated for disposal under subpart D of 40 CFR Part 761, or whose act first causes PCBs or PCB Items to become subject to the disposal requirements of subpart D, or who has physical control over the PCBs when a decision is made that the use of the PCBs has been terminated and therefore is subject to the

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

disposal requirements of subpart D. Unless another provision of 40 CFR Part 761 specifically requires a site-specific meaning, "generator of PCB waste" includes all of the sites of PCB waste generation owned or operated by the person who generates PCB waste.

12. HEPA: High Efficiency Particulate Air filtration efficiency of 99.97 percent down to 0.3 microns. Filtration provided on specialized vacuums and air filtration devices to trap particles.
13. High occupancy area means any area where PCB remediation waste has been disposed of on-site and where occupancy for any individual not wearing dermal and respiratory protection for a calendar year is: 840 hours or more (an average of 16.8 hours or more per week) for non-porous surfaces and 335 hours or more (an average of 6.7 hours or more per week) for bulk PCB remediation waste. Examples could include a residence, school, day care center, sleeping quarters, a single or multiple occupancy 40 hours per week work station, a school class room, a cafeteria in an industrial facility, a control room, and a work station at an assembly line.
14. Incinerator means an engineered device using controlled flame combustion to thermally degrade PCBs and PCB Items. Examples of devices used for incineration include rotary kilns, liquid injection incinerators, cement kilns, and high temperature boilers.
15. Laboratory means a facility that analyzes samples for PCBs and is unaffiliated with any entity whose activities involve PCBs.
16. Liquid PCBs means a homogenous flowable material containing PCBs and no more than 0.5 percent by weight non-dissolved material.
17. Low occupancy area means any area where PCB remediation waste has been disposed of on-site and where occupancy for any individual not wearing dermal and respiratory protection for a calendar year is: less than 840 hours (an average of 16.8 hours per week) for non-porous surfaces and less than 335 hours (an average of 6.7 hours per week) for bulk PCB remediation waste. Examples could include an electrical substation or a location in an industrial facility where a worker spends small amounts of time per week (such as an unoccupied area outside a building, an electrical equipment vault, or in the non-office space in a warehouse where occupancy is transitory).
18. Manifest means the shipping document EPA form 8700-22 and any continuation sheet attached to EPA form 8700-22, originated and signed by the generator of PCB waste in accordance with the instructions included with the form and subpart K of this part.
19. Mark means the descriptive name, instructions, cautions, or other information applied to PCBs and PCB Items, or other objects subject to these regulations.
20. Marked means the marking of PCB Items and PCB storage areas and transport vehicles by means of applying a legible mark by painting, fixation of an adhesive label, or by any other method that meets the requirements of these regulations.
21. Municipal solid wastes means garbage, refuse, sludges, wastes, and other discarded materials resulting from residential and non-industrial operations and activities, such as household activities, office functions, and commercial housekeeping wastes.
22. Non-liquid PCBs means materials containing PCBs that by visual inspection do not flow at room temperature (25°C or 77°F) or from which no liquid passes when a 100 g or 100 ml representative sample is placed in a mesh number 60 ±5 percent paint filter and allowed to drain at room temperature for 5 minutes.
23. Non-porous surface means a smooth, unpainted solid surface that limits

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

penetration of liquid containing PCBs beyond the immediate surface. Examples are: smooth un-corroded metal; natural gas pipe with a thin porous coating originally applied to inhibit corrosion; smooth glass; smooth glazed ceramics; impermeable polished building stone such as marble or granite; and high density plastics, such as polycarbonates and melamines, that do not absorb organic solvents.

24. On site means within the boundaries of a contiguous property unit.
25. PCB and PCBs means any chemical substance that is limited to the biphenyl molecule that has been chlorinated to varying degrees or any combination of substances which contains such substance. Refer to §761.1(b) for applicable concentrations of PCBs. PCB and PCBs as contained in PCB items are defined in §761.3. For any purposes under this part, inadvertently generated non-Aroclor PCBs are defined as the total PCBs calculated following division of the quantity of mono-chlorinated biphenyls by 50 and di-chlorinated biphenyls by 5.
26. PCB Article means any manufactured article, other than a PCB Container, that contains PCBs and whose surface(s) has been in direct contact with PCBs. "PCB Article" includes capacitors, transformers, electric motors, pumps, pipes and any other manufactured item (1) which is formed to a specific shape or design during manufacture, (2) which has end use function(s) dependent in whole or in part upon its shape or design during end use, and (3) which has either no change of chemical composition during its end use or only those changes of composition which have no commercial purpose separate from that of the PCB Article.
27. PCB Article Container means any package, can, bottle, bag, barrel, drum, tank, or other device used to contain PCB Articles or PCB Equipment, and whose surface(s) has not been in direct contact with PCBs.
28. PCB Bulk Product Waste means waste derived from manufactured products containing PCBs in a non-liquid state, at any concentration where the concentration at the time of designation for disposal is ≥ 50 ppm PCBs. PCB bulk product waste does not include PCBs or PCB Items regulated for disposal under §761.60(a) through (c), §761.61, §761.63, or §761.64. PCB bulk product waste is further defined in 40 CFR §761.3. Note in accordance with October 2012 re-interpretation from the U.S. Environmental Protection Agency (EPA), adjacent porous materials in contact with PCB Bulk Products shall be considered PCB Bulk Product Material for disposal purposes.
29. PCB Capacitor means any capacitor that contains ≥ 500 ppm PCB. Concentration assumptions applicable to capacitors appear under §761.2.
30. PCB Container means any package, can, bottle, bag, barrel, drum, tank, or other device that contains PCBs or PCB Articles and whose surface(s) has been in direct contact with PCBs.
31. PCB-Contaminated means a non-liquid material containing PCBs at concentrations ≥ 50 ppm but < 500 ppm; a liquid material containing PCBs at concentrations ≥ 50 ppm but < 500 ppm or where insufficient liquid material is available for analysis, a non-porous surface having a surface concentration > 10 $\mu\text{g}/100$ cm^2 but < 100 $\mu\text{g}/100$ cm^2 , measured by a standard wipe test as defined in §761.123.
32. PCB Equipment means any manufactured item, other than a PCB Container or a PCB Article Container, which contains a PCB Article or other PCB Equipment, and includes microwave ovens, electronic equipment, and fluorescent light ballasts and fixtures.
33. PCB Item means any PCB Article, PCB Article Container, PCB Container, PCB Equipment, or anything that deliberately or unintentionally contains or has as a

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

- part of it any PCB or PCBs.
34. PCB Remediation Waste means waste containing PCBs as a result of a spill, release, or other unauthorized disposal, at the following concentrations: Materials disposed of prior to April 18, 1978, that are currently at concentrations ≥ 50 ppm PCBs, regardless of the concentration of the original spill; materials which are currently at any volume or concentration where the original source was ≥ 500 ppm PCBs beginning on April 18, 1978, or ≥ 50 ppm PCBs beginning on July 2, 1979; and materials which are currently at any concentration if the PCBs are spilled or released from a source not authorized for use under this part. PCB remediation waste means soil, rags, and other debris generated as a result of any PCB spill cleanup, as further defined in 40 CFR §761.3.
 35. PCB waste(s) means those PCBs and PCB Items that are subject to the disposal requirements of subpart D in 40 CFR Part 761.
 36. Porous surface means any surface that allows PCBs to penetrate or pass into itself including, but not limited to, paint or coating on metal; corroded metal; fibrous glass or glass wool; unglazed ceramics; ceramics with a porous glaze; porous building stone such as sandstone, travertine, limestone, or coral rock; low-density plastics such as Styrofoam and low-density polyethylene; coated (varnished or painted) or uncoated wood; concrete or cement; plaster; plasterboard; wallboard; rubber; fiberboard; chipboard; asphalt; or tar paper. For purposes of cleaning and disposing of PCB remediation waste, porous surfaces have different requirements than non-porous surfaces.
 37. RCRA means the Resource Conservation and Recovery Act (40 U.S.C. 6901 et seq.).
 38. Standard wipe sample means a sample collected for chemical extraction and analysis using the standard wipe test as defined in §761.123. Except as designated elsewhere in part 761, the minimum surface area to be sampled shall be 100 cm².
 39. Storage for disposal means temporary storage of PCBs that have been designated for disposal.
 40. SW-846 means the document having the title "SW-846, Test Methods for Evaluating Solid Waste,"
 41. Totally enclosed manner means any manner that will ensure no exposure of human beings or the environment to any concentration of PCBs.
 42. Transfer facility means any transportation-related facility including loading docks, parking areas, and other similar areas where shipments of PCB waste are held during the normal course of transportation. Transport vehicles are not transfer facilities under this definition, unless they are used for the storage of PCB waste, rather than for actual transport activities. Storage areas for PCB waste at transfer facilities are subject to the storage facility standards of §761.65, but such storage areas are exempt from the approval requirements of §761.65(d) and the recordkeeping requirements of §761.180, unless the same PCB waste is stored there for a period of more than 10 consecutive days between destinations.
 43. Transporter of PCB waste means, for the purposes of subpart K of 40 CFR Part 761, any person engaged in the transportation of regulated PCB waste by air, rail, highway, or water for purposes other than consolidation by a generator.
 44. Transport vehicle means a motor vehicle or rail car used for the transportation of cargo by any mode. Each cargo-carrying body (e.g., trailer, railroad freight car) is a separate transport vehicle.
 45. TSCA means the Toxic Substances Control Act (15 U.S.C. 2601 et seq.).

1.5 SUBMITTALS

- A. The following documents shall be submitted immediately upon project award to the Owner prior to commencement of PCB Removal work:
1. Site Specific Health and Safety Plan (HASP): The Contractor shall prepare a site specific HASP plan for protection of workers and control of the work site in accordance with OSHA regulatory requirements. The HASP shall govern all work conducted at the site during the abatement of PCB materials and related debris; waste handling, sampling, waste management; and waste transportation. At a minimum, the HASP shall address the requirements set forth in 29 CFR 1910.120, as further outlined below:
 - a. Health and Safety Organization
 - b. Site Description and Hazard Assessment
 - c. Training
 - d. Medical Surveillance
 - e. Work Areas
 - f. Personal Protective Equipment
 - g. Personal Hygiene and Decontamination
 - h. Standard Operating Procedures and Engineering Controls
 - i. Emergency Equipment and First Aid Provisions
 - j. Equipment Decontamination
 - k. Air Monitoring
 - l. Telephone List
 - m. Emergency Response and Evacuation Procedures and Routes
 - n. Site Control
 - o. Permit-Required Confined Space Procedures
 - p. Spill prevention and Containment Plan
 - q. Heat and Cold Stress
 - r. Record Keeping
 - s. Community Protection Plan
 2. Training Documentation: Documentation of OSHA 40-Hour HAZWOPER Training for all employees and subcontractors to be used for the abatement work.
 3. PCB and or other Toxic or Hazardous Substances Disposal Plan: A written plan that details the Contractor's plan for transportation and disposal of PCB-containing or other Toxic or Hazardous Substance wastes generated during the project. The Disposal Plan shall identify:
 - a. Waste packaging, labeling, placarding and manifesting procedures.
 - b. The name, address and 24-hour contact number for the proposed treatment or disposal facility or facilities to which waste generated during the project will be transported.
 - c. The name, address, contact person(s) and state-specific permit numbers for proposed waste transporters, and EPA identification number for firms that will transport waste.
 - d. The license plate numbers of vehicles to be used in transporting of the waste from the site to the disposal facility.
 - e. The route(s) by which the waste will be transported to the designated disposal facility, and states or territories through which the waste will pass.
 4. Material Safety Data Sheets: Material Safety Data Sheets (OSHA Form 174 or equivalent) and manufacturer's information shall be provided for all chemicals

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

and materials to be used during the project including but not limited to specialty cleaners and chemical stripping products.

B. The following documents shall be submitted to the Owner within fifteen (15) work days following removal of waste from the site:

1. Waste Profile Sheets
2. Pre-Disposal Analysis Test Results (If required by disposal facility)
3. Manifests signed by the disposal facility
4. Tipping Receipts provided by the disposal facility
5. Certification of Final Treatment/Disposal signed by the responsible disposal facility official.

C. PCB Work Closeout Submittals:

1. Disposal Site Receipts: Copy of waste shipment record and disposal site receipt showing the PCB-containing or other Toxic or Hazardous Substances materials have been properly disposed.

D. Product Data: Catalog sheets, specifications, and application instructions for any removal products, if used.

1.6 POSTING AND RECORD MAINTENANCE REQUIREMENTS

A. The following items shall be conspicuously displayed proximate but outside of abatement work areas.

1. Exit Routes -Emergency exit procedures and routes
2. Emergency Phone Numbers - A list indicating the telephone numbers and locations of the local hospital(s); the local emergency squad; the local fire department; the local police department; the Poison Control Center; Chemical Emergency Advise (CHEMTREC); the local Department of Health's local office; the Contractor (on-site and after hours numbers); and the environmental consultant (on-site and after hours numbers).
3. Warning Signs - Warning signs shall be in English and the language of any workers onsite who do not speak English, and be of sufficient size to be clearly legible and display the following or similar language in accordance with 29 CFR 1910.1200:

**WARNING
HAZARDOUS WASTE WORK AREA
PCBs-POISON
NO SMOKING, EATING OR DRINKING
AUTHORIZED PERSONNEL ONLY
PROTECTIVE CLOTHING IS REQUIRED IN THIS AREA**

In addition, all entrances to work areas shall be posted with a PCB M₁ marker.

B. The Contractor shall maintain the following items on-site and available for review by all employees and authorized visitors:

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

1. Contractor's Project Specific Health and Safety Plan
 2. Certificates of Training for all employees and the project Supervisor
 3. Codes, Standards and Publications
 4. Material Safety Data Sheets (MSDS) for all chemicals used during the project.
 5. Copies of the Contractor's written hazard communication, respiratory protection, and confined space entry programs.
- C. Fees, Permits and Licenses. The Contractor shall pay all licensing fees, royalties, and other costs necessary for the use of any copyrighted or patented product, design, invention, or processing in the performance of the work specified in this Section.
1. The Contractor shall be solely responsible for costs, damages, or losses resulting from any infringement of these patent rights or copyrights. The Contractor shall hold the Owner and the Owner's Authorized Representative harmless from any costs, damages, and losses resulting from any infringement of these patent rights or copyrights.
 2. The Contractor shall be responsible for securing all necessary permits for work under this Section, including hauling, removal, and disposal, fire, and materials usage, or any other permits required to perform the specified work.

1.7 QUALITY ASSURANCE

- A. The Contractor shall provide and assure that the quality of work practices and procedures to be utilized are consistent with the above listed agencies and regulations. Contractor shall utilize the latest edition, including all addenda, revisions and supplements for all regulatory agencies codes, etc.
- B. Worker's Qualifications: The persons performing PCB abatement and their supervisors shall be personally experienced in PCB abatement work and shall have been regularly employed by a company performing PCB abatement for a minimum of 3 years.
- C. Pre-Work Conference: Before the Work of this Section is scheduled to commence, a conference will be held by the Owner at the Site for the purpose of reviewing the Contract Documents, discussing requirements for the Work, and reviewing the Work procedures.
1. The conference shall be attended by the Contractor, and the Owner's Authorized Representative employed by the Owner.

1.8 MINIMUM REQUIREMENTS FOR WORKER HEALTH AND SAFETY

- A. The Contractor is responsible and liable for the health and safety of all onsite personnel and the offsite community affected by the project. All onsite workers or other persons entering the abatement work areas, decontamination areas or waste handling and staging areas shall be knowledgeable of and comply with the requirements of the site specific Health and Safety Plan at all times. The Contractor's HASP shall comply with all applicable federal, state, and local regulations protecting human health and the environment from the hazards posed by the work to be performed under this project.
- B. Consistent disregard for the provisions of the HASP shall be deemed as sufficient cause for immediate stoppage of work and termination of the Contract or any Sub Contracts

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

without compromise or prejudice to the rights of the Owner or the Owner's Authorized Representative.

- C. Any discrepancies between the Contractor's HASP and these specifications or federal and state regulations shall be resolved in favor of the more stringent requirements that provide the highest degree of protection to the project personnel and the surrounding community and environment
- D. In addition to exposure concerns relating to the presence of PCB's, other health and safety considerations will apply to the work. The Contractor shall be responsible for recognizing such hazards and shall be responsible for the health and safety of Contractor employees at all times. It is the Contractor's responsibility to comply with all applicable health and safety regulations.
- E. The HASP shall be reviewed by all persons prior to entry into the abatement, decontamination, or waste staging areas, whether a representative of the Contractor, owner, architect/engineer, environmental consultant, subcontractor(s), waste transporter or federal, state or local regulatory agency.
- F. The HASP shall be maintained so as to be readily accessible and reviewable by all site personnel throughout the duration of the abatement project and until all waste materials are removed from the site and disposed of at the appropriate disposal facility.
- G. The Contractor's site supervisor shall be responsible for ensuring that project personnel and site visitors are informed of and comply with the provisions of the HASP at all times during the project.

1.9 WORK AREAS AND ZONES

- A. The Contractor shall lay-out and clearly identify work areas in the field. Access by equipment, site personnel, and the public to the work areas shall be limited as follows:
 - 1. Abatement Zone: The Abatement Zone(s) shall consist of all interior and exterior areas where removal of PCBs and other Toxic or Hazardous Substances and waste handling and staging activities are on-going and the immediately surrounding locale or other areas where contamination could occur. The Abatement Zone for purposes of interior and exterior removal of PCB materials or other Toxic or Hazardous Substances for disposal shall be performed within a containment to isolate work areas from non-work areas. The containment shall be visibly delineated with appropriate warning signs at all approaches to Abatement (including a PCB M_L marker), and be restricted from access by all persons except those directly necessary for the completion of the respective abatement tasks. The Abatement Zone shall be located and delineated as necessary to limit access to the abatement area and to minimize risk of exposure to site workers and the general public. Access shall be controlled at the periphery of the Abatement Zone to regulate the flow of personnel and equipment into and out of the zone and to help verify that proper procedures for entering and exiting are followed. All persons within the Abatement Zone shall wear the appropriate level of protection established in the HASP. The abatement zone shall be constructed as detailed in Section 3.3 and 3.4.

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

2. Decontamination Zone: The Decontamination Zone is the transition zone between the abatement area and the clean support zone of the project site, and is intended to reduce the potential for contaminants from being dispersed from the Abatement Zone to clean areas of the site. The Decontamination Zone shall consist of a buffer area surrounding the Abatement Zone through which the transfer of equipment, materials, personnel and containerized waste products will occur and in which decontamination of equipment, personnel, and clothing will occur. The Decontamination Zones shall be constructed as a three chamber decontamination unit for workers and a two chamber equipment room for waste load out as detailed in Section 3.5. All emergency response and first aid equipment shall be readily maintained in this Zone. All protective equipment and clothing shall be removed or decontaminated in the Decontamination Zone prior to exiting to the Support Zone.

3. Support Zone: The Support Zone will consist of the area outside the Decontamination Zone and the remainder of the project site. Administrative and other support functions and any activities that by nature need not be conducted in the Abatement or Decontamination Zone related to the project shall occur in the Support Zone, Access to the Abatement and Decontamination Zones shall be controlled by the site supervisor limited to those persons necessary to complete the abatement work and which have reviewed and signed the HASP.

1.10 PERSONNEL PROTECTIVE EQUIPMENT

- A. The Contractor shall be responsible to determine and provide the appropriate level of personal protective equipment in accordance with applicable regulations and standards necessary to protect the Contractor's employees from all hazards present.
- B. The Contractor shall provide all employees with the appropriate safety equipment and protective clothing to ensure an appropriate level of protection for each task, taking into consideration the chemical, physical, ergonomic and biological hazards posed by the site and work activities.
- C. The Contractor shall establish in the HASP criteria for the selection and use of personal protective equipment (PPE).
- D. The PPE to be utilized for the project shall be selected based upon the potential hazards associated with the project site and the work to be performed. Appropriate protective clothing shall be worn at all times within the Abatement Zone.
- E. The Contractor shall provide the appropriate level of respiratory protection to all field personnel engaged in activities where respiratory hazards exist or there is a potential for such hazard to exit.
- F. The Contractor shall provide, as necessary, protective coveralls, disposable gloves and other protective clothing for all personnel that will be actively involved in abatement activities or waste handling activities or otherwise present in the Abatement Zones. Coveralls shall be of Tyvek or equivalent material. Should the potential for exposure to liquids exist, splash resistant disposable suits shall be provided and utilized.
- G. Protective coveralls, and other protective clothing shall be donned and removed within

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

the Decontamination Zone and shall be disposed of at the end of each day. Ripped coveralls shall be immediately replaced after appropriate decontamination has been completed to the satisfaction of the site supervisor. Protective clothing shall not be worn outside of the Decontamination Zone.

- H. Hard Hats, protective eyewear, rubber boots and or other non-skid footwear shall be provided by the Contractor as required for workers and authorized visitors.
- I. All contaminated protective clothing, respirator cartridges and disposable protective items shall be placed into proper containers to be provided by the Contractor for transport and proper disposal in accordance with 40 CFR 262.

1.11 EMERGENCY EQUIPMENT AND FIRST AID REQUIREMENTS

- A. The Contractor shall provide and maintain at the site, at a minimum, the following Emergency and First Aid Equipment:
 - 1. Fire Extinguishers: A minimum one (1) fire extinguisher shall be supplied and maintained at the site by the Contractor throughout the duration of the project. Each extinguisher shall be a minimum of a 20 pound Class ABC dry fire extinguisher with Underwriters Laboratory approval per 29 CFR 1910.157.
 - 2. First Aid Kit: A minimum of one (1) first aid kit meeting the requirements of 29 CFR 1910,151 shall be supplied and maintained at the site by the Contractor throughout the duration of the project.
 - 3. Communications: Telephone communications (either cellular or land line) shall be provided by the Contractor for use by site personnel at all times during the project.
- B. The Health and Safety Officer shall be notified immediately in the event of personal injury, potential exposure to contaminants, or other emergency. The site supervisor shall then immediately notify the Owner's Authorized Representative.

1.12 STANDARD SAFETY AND HEALTH PROCEDURES AND ENGINEERING CONTROLS

- A. The following provisions shall be employed to promote overall safety, personnel hygiene and personnel decontamination:
 - 1. Each Contractor or Subcontractor shall ensure that all safety equipment and protective clothing to be utilized by its personnel is maintained in a clean and readily accessible manner at the site.
 - 2. All prescription eyeglasses in use on this project shall be safety glasses conforming to ANSI Standard Z87.1. No contact lenses shall be allowed on the site.
 - 3. Prior to exiting the delineated Decontamination Zone(s), all personnel shall remove protective clothing, and place disposable items in appropriate disposal containers to be dedicated to that purpose. Following removal of PPE, personnel shall thoroughly wash and rinse their face, hands, arms and other exposed areas with soap and tap water wash and subsequent tap water rinse. A fresh supply of tap water shall be provided at the site on each work day by the Contractor for this purpose.
 - 4. All PPE used on site shall be decontaminated or disposed of at the end of each

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

- work day. Discarded PPE shall be placed in sealed DOT approved 55-gallon barrels for off-site disposal.
5. Respirators, if necessary due to an upgrade to Level C PPE, shall be dedicated to each employee, and not interchanged between workers without cleaning and sanitizing.
 6. Eating, drinking, chewing gum or tobacco, smoking, and any other practice that increases the likelihood of hand to mouth contact shall be prohibited within the delineated abatement and decontamination work zones. Prior to performing these activities, each employee shall thoroughly cleanse their face, hands, arms and other exposed areas.
 7. All personnel shall thoroughly cleanse their face hands, arms and other exposed areas prior to using toilet facilities.
 8. No alcohol, tobacco, illicit drugs or firearms will be allowed on the site at any time.
 9. Contact with potentially contaminated surfaces should be avoided, if possible. Field personnel should minimize walking through standing water/puddles, mud or other wet or discolored surfaces; kneeling on ground; and placing equipment, materials or food on ground or other potentially contaminated surface.
 10. The use of the "Buddy System" shall be employed at all times while conducting work at the site. Each employee shall frequently monitor other workers for signs of heat stress or chemical exposure or fatigue: periodically examine others PPE for signs of wear or damage; routinely communicate with others; and notify the Site supervisor in the case of an emergency.
- B. Worker's must wear protective suits, protective gloves, eye protection and a minimum of half-face respirator with HEPA filter cartridge for all projects. Respiratory protection shall be in accordance with OSHA regulation 1910.134 and ANSI Z88.2.
- C. Workers must be trained as per OSHA and USEPA requirements, have medical clearance and must have recently received pulmonary function test (PFT) and respirator fit tested by a trained professional.
1. A personal air sampling program shall be in place as required by OSHA.
 2. The use of respirators must also follow a complete respiratory protection program as specified by OSHA.

PART 2 - PRODUCTS

2.1 ABATEMENT PRODUCTS

- A. All materials shall be delivered in the original packages, containers, or bundles bearing the name of the manufacturer and the brand name.
- B. Disposal Drums: Metal or fiberboard with locking ring tops, with warning labels as required by OSHA, and/or EPA.
- C. Respirators:
 1. Type: Approved by the Mine Safety and Health Administration (MSHA), Department of Labor, or the National Institute for Occupational Safety and Health (NIOSH), Department of Health and Human Services.

D. Vacuum Cleaners:

1. Type: Vacuums equipped with HEPA filters.

E. Polyethylene Sheeting:

1. Type: Minimum 6 mil., opaque, fire retardant polyethylene sheets.
2. Floor Protective Layer: Minimum 10 mil., reinforced polyethylene sheets.

F. Cleaning Products: Contractor shall at their discretion utilize specialty cleaning products such as *Capsur*, *TechXtract* or other cleaners for use in decontaminating porous and non-porous surfaces to remain. All such products shall be utilized in accordance with manufacturer's specifications as intended. Contractor shall ensure appropriate use and disposal associated with use in accordance with the MSDS sheets for each product utilized. It shall be incumbent upon the Contractor to determine the need for use of specialty products to meet required cleaning verification levels established herein and in accordance with the SIP.

G. Encapsulant Products: Two component epoxy primer resin coating with an aliphatic polyurethane top coat (Sikagard 62 & Sikalastic 735AL or equivalent), Remediation Contractor shall ensure appropriate use and disposal associated with use in accordance with the MSDS sheets for each product utilized.

2.2 GENERAL EQUIPMENT

- A. A sufficient supply of disposable mops, rags, and sponges for work area cleaning and decontamination shall be available.
- B. A sufficient supply of scaffolding, ladders, lifts, and hand tools (e.g., scrapers, wire cutters, brushes, utility knives, wire saws, etc.) shall be provided as needed.

2.3 PERSONNEL PROTECTION

- A. Safety equipment (e.g., hard hats meeting the requirements of ANSI Standard Z89.1-1981, eye protection meeting the requirements of ANSI Standard Z87.1-1979, safety shoes meeting the requirements of ANSI Standard Z41.1-1967, disposable PVC gloves or other work gloves), shall be provided to all workers and authorized visitors.
- B. Non-skid footwear shall be provided to all abatement workers. Disposable clothing shall be adequately sealed to the footwear to prevent body contamination.

PART 3 - EXECUTION

3.1 PRE-ABATEMENT MEETING

- A. At least one week prior to the start of work a Pre-Construction Meeting will be scheduled and must be attended by the Contractor and any Sub-Contractors. The assigned Contractor site supervisor is also required to attend this meeting.

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

- B. The contractor shall present a detailed project schedule and project submittals at the Pre-Construction Meeting. Variations, amendments, and corrections to the presented schedule will be discussed, and the Owner and Consultant will inform the Contractor of any scheduling adjustments for this project.
- C. Following the Pre-Construction Meeting, the Contractor shall submit a revised schedule (if needed) no later than one week after the meeting.

3.2 WORK AREA PROTECTION – ABATEMENT ZONE GENERAL

- A. Protection of Existing Construction: Perform PCB Bulk Product, PCB Remediation, and <50 PPM PCB Containing Waste removal work without damage or contamination of adjacent areas, asphalt and/or concrete paving, soils, and existing construction.
- B. Prior to commencement of PCB abatement activities at each work area, a containment system shall be constructed by the Contractor to capture and contain all materials removed during the abatement. Containment procedures referenced for the abatement zone must be utilized for PCB Bulk Product Waste removal.
- C. During all remediation activities, the Contractor shall maintain control of all entrances and exits to the work areas to ensure only authorized personnel enter the work areas and are afforded proper personal protective equipment and as required respiratory protection. All approaches to work areas shall be demarcated with appropriately worded warning signs.
- D. Work zones shall be established in accordance with this section to include abatement zone, decontamination zone, and support zone.

3.3 WORK AREA PROTECTION – ABATEMENT ZONE FOR PCB BULK PRODUCT

- A. Ground protection to prevent debris from escaping the abatement zone and to protect areas outside of abatement zone from PCB contamination shall be utilized. Protection shall include the two layers of 6-mil reinforced polyethylene sheeting securely fastened to foundation.
- D. All openings to the building interior such as doors, windows, unit ventilation, ducts, grilles shall be securely sealed with a single layer of 6-mil reinforced polyethylene sheeting from the building exterior.
- E. Ground protection and isolation barriers shall remain in place throughout work to collect dust and debris resulting from PCB Bulk Product Waste removal. All debris generated during operations including but not limited to visible caulking, dust and debris shall be HEPA vacuumed continuously throughout the work shift and at the end of a work shift to avoid accumulation. Any tears or rips that occur in protections shall be repaired or removed and replaced with new protections. Ground protection and isolation barriers shall not be removed until post-cleaning verification sampling and/or visual inspection has been performed and acceptable results have been achieved.
- F. All equipment utilized to perform cutting, or demolition of materials shall be equipped with appropriate dust collection systems.

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

- G. All surfaces adjacent to materials removed shall be properly decontaminated upon completing the removal of PCB Bulk Product Wastes. All visible dust shall be removed using HEPA vacuums and wet cleaning methods with solvent or other acceptable products.
- I. Appropriate PCB waste containers shall be placed adjacent to abatement zone within the construction chain link fence. Containers shall be lined covered and secured. The PCB waste containers shall be properly marked as described in 40 CFR part §761.40. Marking shall include a PCB M_L marker utilizing the format described in 40 CFR part §761.45.

3.4 WORK AREA PROTECTION – ABATEMENT ZONE FOR <50 PPM PCB WASTE

- A. The following work area protection shall be utilized for the removal of exterior <50 ppm PCB containing waste:
 - 1. Ground protection to prevent debris from escaping the abatement zone and to protect areas outside of abatement zone from PCB contamination shall be utilized. Protection shall include the two layers of 6-mil reinforced polyethylene sheeting securely fastened to foundation.
 - 2. Isolation barriers shall be installed on the interior of the building, at the edge of systems scheduled for removal to isolate these systems to the building exterior where work shall be performed. Two layers of 6-mil reinforced polyethylene sheeting shall create the exterior critical barrier between the Abatement Zone and Interior of the Building.
 - 3. All other openings to the building interior such as unit ventilation, ducts, grilles shall be securely sealed with a single layer of 6-mil reinforced polyethylene sheeting from the building exterior.
 - 4. Ground protection and isolation barriers shall remain in place throughout work to collect dust and debris resulting from <50 ppm PCB Containing Waste removal. All debris generated during operations including but not limited to visible caulking, dust and debris shall be HEPA vacuumed continuously throughout the work shift and at the end of a work shift to avoid accumulation. Any tears or rips that occur in protections shall be repaired or removed and replaced with new protections. Ground protection and isolation barriers shall not be removed until visual inspection has been performed and acceptable results have been achieved.
 - 5. All equipment utilized to perform cutting, or demolition of materials shall be equipped with appropriate dust collection systems.
 - 6. All surfaces adjacent to materials removed shall be properly decontaminated upon completing the removal of <50 ppm PCB Containing Materials. All visible dust shall be removed using HEPA vacuums and wet cleaning methods with solvent or other acceptable products.
 - 7. Appropriate PCB waste containers shall be placed adjacent to abatement zone within the construction chain link fence. Containers shall be lined covered and secured.

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

- B. The following work area protection shall be utilized for the removal of interior <50 ppm PCB containing waste:
1. Negative pressure containments shall be utilized for removal of interior materials. Containments shall be constructed in the same manner as negative pressure containments utilized for asbestos abatement. See Section 3.2 of 02 82 13 Asbestos Abatement for additional information.
 2. Containments shall remain in place throughout work to collect dust and debris resulting from <50 ppm PCB Containing Waste removal. All debris generated during operations including but not limited to visible floor tile mastic, cove base glue, and ceiling tiles, dust and debris shall be HEPA vacuumed continuously throughout the work shift and at the end of a work shift to avoid accumulation. Any tears or rips that occur in protections shall be repaired or removed and replaced with new protections. Containments shall not be removed until visual inspection and/or asbestos abatement final re-occupancy air testing (if necessary) has been performed and acceptable results have been achieved.
 5. All equipment utilized to perform cutting, or demolition of materials shall be equipped with appropriate dust collection systems.
 6. All surfaces adjacent to materials removed shall be properly decontaminated upon completing the removal of <50 ppm PCB Containing Materials. All visible dust shall be removed using HEPA vacuums and wet cleaning methods with solvent or other acceptable products.
 7. Appropriate PCB waste containers shall be placed adjacent to abatement zone within the construction chain link fence. Containers shall be lined covered and secured.

3.5 DECONTAMINATION ZONE

- A. The Contractor shall establish a decontamination enclosure consisting of equipment room, shower room, and clean room in series. The only access between contaminated and uncontaminated areas shall be through this decontamination enclosure. The Contractor shall ensure that employees enter and exit the Abatement Zone through the decontamination area.
- B. Access between rooms in the decontamination system shall be through double flap curtain opening airlocks.
- C. Construct the decontamination systems with wood or metal framing, 3/8" sheathing and cover both sides with a double layer of six (6) mil polyethylene sheeting, spray glued or taped at the joints. Caulk joints watertight at floor, walls, and ceiling.
- D. The Contractor shall visually inspect interior and exterior critical barriers that separate the Abatement Zone and the Interior of the Building, respectively, several times daily to assure effective seal and the Contractor shall repair defects immediately.

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

- E. Equipment room. The equipment room shall be supplied with impermeable, labeled bags and containers for the containment and disposal of contaminated protective equipment.
- F. Shower area. Shower facilities shall be provided which comply with 29 CFR 1910.141(d)(3). The showers shall be adjacent both to the equipment room and the clean room.
- G. Clean change room. The clean room shall be equipped with a locker or appropriate storage container for each worker's use. Following showering, each worker must then change into street clothing in clean change areas.
- H. Decontamination area entry procedures. The Contractor shall ensure that all workers follow proper decontamination procedures for entry into a Regulated Work area including but not limited to the following:
 - 1. Enter the decontamination area through the clean room;
 - 2. Remove and deposit street clothing within a locker provided for their use;
 - 3. Put on protective clothing and respiratory protection before leaving the clean room.
 - 4. Before entering the Abatement Zone, the Contractor shall ensure that workers pass through the equipment room.
- I. Decontamination area exit procedures. The Contractor shall ensure that all workers follow proper decontamination procedures for exit from a Regulated Work area including but not limited to the following:
 - 1. Before leaving the regulated area, workers shall remove all gross contamination and debris from their protective clothing.
 - 2. Workers shall remove their protective clothing in the equipment room and deposit the clothing in labeled impermeable bags or containers.
 - 3. Workers shall not remove their respirators in the equipment room.
 - 4. Workers shall shower prior to entering the clean room.
 - 5. After showering, workers shall enter the clean room before changing into street clothes.
- J. Equipment Room for Waste Removal: The Contractor shall establish a two chamber equipment room or area that is adjacent to the Abatement Zone for the decontamination of waste containers and equipment as noted above.
 - 1. The area must be of sufficient size as to accommodate cleaning of equipment and removing waste without spreading contamination beyond the area (as determined by visible accumulations).
 - 2. All equipment and surfaces of containers filled with PCB waste must be cleaned prior to removing them from the equipment room or area.

3.6 PCB BULK PRODUCT WASTE MATERIALS

- A. PCB Bulk Product Waste Materials shall be handled and removed from specified locations for proper disposal.
- B. Materials shall be removed in a manner which does not breakdown the materials into fine

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

dust or powder to the extent feasible. Equipment and tools to be utilized shall include hand tools and mechanical equipment such as demolition hammers to remove materials from adjacent substrates. Mechanical removal equipment shall as appropriate be fitted with dust collection systems.

- C. Any dry or brittle caulking materials shall be removed with additional engineering controls such as use of a HEPA vacuum to remove accumulated dust or debris during removal.
- D. Sequence of removal shall follow the following general requirements:
 - 1. Site preparation and controls shall be completed. Work shall not proceed until authorized by owner's representatives.
 - 2. PCB containing exterior expansion caulking compounds and exterior concrete column/rooftop coping stone caulking compounds shall be removed in their entirety for disposal as PCB Bulk Product Waste
 - 3. One brick on each side of the exterior expansion caulking compounds shall be removed in their entirety for disposal as PCB Bulk Product Waste.
 - 4. Use a solvent as appropriate to completely remove all visible materials for disposal as PCB Bulk Product.
 - 5. Clean all surface of adjacent materials using appropriate cleaning products or solvents to completely removal all dust and debris.
- E. Waste shall be immediately containerized in temporary 6-mil polyethylene disposal bags for disposal. These containers shall be sealed in abatement zone when full during collection and then placed in disposal containers/storage trailers. The containers shall not be emptied into other containers to avoid dispersal of dust or fugitive emissions.
- F. The use of minimal quantities of water to moisten the generated dust prior to collection shall be utilized. Under no circumstances shall the PCB waste show evidence of free liquid water, pooling or ponding within the waste stream. Any liquid used to wet the dust and debris to control fugitive emissions shall be properly containerized and decontaminated in accordance with 40 CFR Part §761.79 (b)(1) or disposed of in accordance with 40 CFR Part §761.60 (a).
- H. PCB Bulk Product Waste shall be stored for disposal in accordance with 40 CFR Part §761.65 and marked in accordance with 40 CFR Part §761.40 and §761.45.
- I. All waste containers shall be appropriately labeled in accordance with 40 CFR Part §761.40 and §761.45. Labeling shall include the PCB M_I marker.

3.7. PCB REMEDIATION WASTE –SOIL

- A. All designated for removal shall be excavated and transported off-site for disposal as PCB Remediation Waste.
- B. Soil removal shall be completed in accordance with 40 CFR Part §761.61(a). The remediation goal is to remove PCB contaminated soils to meet clearance concentration of <1ppm.

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

- C. Post removal verification sampling shall be conducted by Consultant, in all excavation areas to demonstrate that the cleanup goals have been met.
- D. Soil shall be excavated from foundation to a distance of five feet from the foundation. Depth of excavation shall be as specified in the Self-Implementing On-Site Clean-Up and Disposal Plan.
- E. During excavation work, use of wetting to control dust and visible emissions shall be required. The Contractor shall ensure that upon completion of soil excavation adjacent masonry surfaces are cleaned of visible dust and soil deposits resulting from PCB contaminated soil removal.
- F. During excavation work, an excavator or other similar type of equipment shall be used to remove the soil. Equipment utilized for removal shall not be permitted to enter the abatement zone, only the bucket shall be authorized to enter the abatement zone. The vehicle shall not be authorized to enter the work zone due to difficulties in decontaminating wheels that come in contact with contaminated soil.
- G. All PCB Remediation Waste shall be stored for disposal in accordance with 40 CFR Part §761.65.
- H. All waste containers shall be appropriately labeled in accordance with 40 CFR Part §761.40 and §761.45. Marking shall include the PCB M_L marker.
- I. Soil excavations will be backfilled with certified clean soil meeting the CTDEEP Remediation Standards Regulations (RSRs) for the Residential Direct Exposure Criteria (RDEC) and Groundwater Classification B (GB) Pollutant Mobility Criteria (PMC). Bushes removed during soil excavation shall be replaced in kind.
 - 1. Scope for soil sample collection:
 - a. Consultant will review the characterization data of soil being brought on-site
 - b. Collect one composite soil sample (made up of three sample locations) for every 500 cubic yards (CY) of material planned to be brought to the site for use as clean fill.
 - 2. Laboratory analysis of soil characterization shall include the following:
 - a. Volatile Organic Compounds (VOCs by method 8260)
 - b. Polynuclear Aromatic Hydrocarbons (PAHs by method 8270)
 - c. Extractable Total Petroleum Hydrocarbons (ETPH)
 - d. Polychlorinated Biphenyls (PCBs by method 8082)
 - e. Pesticides and Herbicides (by method 8081)
 - f. RSR metals (Mass and SPLP)

3.8 <50 PPM PCB CONTAINING MATERIALS

- A. PCB-containing materials containing less than 50 ppm and are to be removed from specified locations for proper disposal.
- B. Materials shall be removed in a manner which does not breakdown the materials into fine dust or powder to the extent feasible. Equipment and tools to be utilized shall include

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

hand tools and mechanical equipment such as demolition hammers to remove materials from adjacent substrates. Mechanical removal equipment shall as appropriate be fitted with dust collection systems.

- C. Any dry or brittle materials or other PCB waste containing PCB <50 ppm shall be removed with additional engineering controls such as use of a HEPA vacuum to remove accumulated dust or debris during removal.
- D. Sequence of removal shall follow the following general requirements:
 - 1. Construction of a regulated area shall be performed.
 - 2. Removal of <50 ppm PCB containing materials using hand tools and/or mechanical equipment fitted with dust collection systems.
 - 3. Use a solvent as appropriate to completely remove all visible materials for disposal as PCB Waste <50 ppm and asbestos.
 - 4. Clean all surface of adjacent materials using appropriate cleaning products or solvents to completely removal all dust and debris.
- E. Waste shall be immediately containerized in 6-mil polyethylene disposal bags then placed into steel 55-gallon DOT approved drums for disposal. Waste generated includes PCB <50 ppm. The waste shall be containerized in six-mil polyethylene bags or sheeting. Facility proposed for disposal shall be permitted to accept waste with PCB <50 ppm. See also requirements for asbestos waste disposal in Section 02 82 13.
- F. The use of minimal quantities of water to moisten the generated dust prior to collection shall be utilized. Under no circumstances shall the PCB waste show evidence of free liquid water, pooling, or ponding within the waste stream. Any liquid used to wet the dust and debris to control fugitive emissions shall be properly containerized and decontaminated in accordance with 40 CFR Part §761.79 (b)(1) or disposed of in accordance with 40 CFR Part §761.60 (a).

3.9 ENCAPSULATION OF CONTAMINATED STRUCTURAL CONCRETE

- A. The Contractor shall upon completion of work obtain visual inspection of complete removal of exterior concrete column/rooftop coping stone caulking compounds associated with structural concrete.
- B. Once acceptable the Contractor shall provide encapsulant to be utilized consisting of a two component epoxy primer resin coating with an aliphatic polyurethane top coat (Sikagard 62 & Sikalastic 735AL or equivalent), applied in accordance with manufacturer's instructions.
- C. MSDS sheets shall be maintained and storage and disposal requirements shall be adhered to according to the MSDS.
- D. Encapsulants shall be applied to location of prior caulk joint locations following the removal of all caulking compounds to seal substrates prior to installation of new caulking compounds.
- E. Encapsulant shall be applied to surface a minimum distance of 6 inches from each side of caulking joint onto substrate and to the full depth of joints. Note encapsulant will be

painted over so application shall be smooth and continuous.

3.10 CLEANING AND DECONTAMINATION

- A. The Contractor shall be responsible for complete cleaning and decontamination of the Abatement Zone upon completion of work. The Abatement Zone will be required to meet proposed Verification Sampling limits established in the SIP prior to containment tear down.
- B. The Contractor shall utilize HEPA vacuum and wet cleaning products to remove all visible dust and debris from all surfaces within the work area. If specialty products are utilized the Contractor shall utilize in accordance with manufacturer's specifications including any additional safety and disposal requirements for such use.
- C. Cleaning of containment barriers shall be performed prior to removal leaving critical barriers at openings, decontamination units and negative air filtration devices in place until results of post verification sampling indicate acceptable limits. Cleaning shall be performed from ceiling to floors.
- D. Any liquid used to wet the dust and debris to control fugitive emissions shall be collected and decontaminated in accordance with 40 CFR Part §761.79(b)(1) or disposed of in accordance with §761.60(a).
- E. All rags and other cleaning materials used to clean shall also be properly disposed as PCB Remediation Waste. All PCB Remediation Waste shall be stored for disposal in accordance with 40 CFR Part §761.65. All waste containers shall be appropriately marked in accordance with 40 CFR Part §761.40 and §761.45.
- F. Equipment to be utilized in connection with the removal of PCB Bulk Product Waste and PCB Remediation Waste including waste collection or that will or may come in direct contact with the site contaminants shall be decontaminated prior to leaving the site to prevent migration of the contaminated residues from the project site. Decontamination shall be in accordance with 40 CFR Part §761.79 and Sub-part S procedures.
- G. All non-disposable equipment and tools employed in the course of the project will be decontaminated at the conclusion of each work day through the following sequence:
 - 1. Initial tap water rinse, to remove gross contaminants
 - 2. Tap water and hexane or equivalent wash
 - 3. Tap water rinse
 - 4. Second tap water and hexane or equivalent wash
 - 5. Second tap water rinse
- H. The wash water and decontamination liquids shall be captured and containerized in DOT approved 55-gallon barrels for off-site disposal.

3.11 CERTIFICATION OF ABATEMENT AND SAMPLING

- A. The Owner shall retain a Consultant (Owner's Authorized Representative) to perform periodic inspections and sampling during the work. Site visits shall be scheduled based on the progress of the work and at critical time periods.

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

- B. The Consultant shall perform real time monitoring for dust particulate using Dust Trak or equivalent monitoring devices for total dust. Sampling may be performed prior to abatement for background comparison to during abatement sampling. In addition, air sampling outside of the Abatement Zone, may be performed periodically during active removal activities at the Owner's Authorized Representative's discretion for laboratory confirmation.
- C. It should be noted that if the results of air samples exceed established action levels or ambient background conditions for real time monitoring whichever is less the Contractor will be required to implement work stoppage to determine causes of exceeding results and as necessary utilize additional containment measures or engineering controls. Any resulting decontamination of areas beyond the Abatement Zone shall be responsibility of the Contractor.
- D. The Consultant shall perform post-cleaning verification and post-remediation verification sampling as necessary to determine complete removal of PCB's. Refer to the Self-Implementing On-Site Cleanup and Disposal Plan for requirements for determination of clearance levels.
- E. Once post-cleaning and post-verification sampling has documented the Abatement Zone meets required criteria established in the Self-Implementing On-Site Cleanup and Disposal Plan, the Contractor shall be permitted to remove decontamination unit, isolation barriers, negative pressure units, etc. These areas shall be subjected to a visual inspection to ensure no visible dust is present.

3.12 MARKING OF WASTE CONTAINERS

- A. All waste containers must be marked with the name of the waste contained; the date in which the first material was placed in the vessel; and the last date at which addition of waste occurred. All waste containers must be marked with a PCB M_L marker.
- B. All waste containers containing PCB Bulk Product Waste, Bulk PCB Remediation Waste and PCB contaminated debris, containment system components, used personnel protective equipment, personal and equipment wash water and decontamination fluids, or other wastes generated during the abatement work shall be labeled as follows:

DOT Class 9 UN3432 (solid)
Or UN2315 (liquid) PCB Waste
RQ
Waste for Disposal

Federal law prohibits improper disposal.
If found, contact the nearest police or public safety authority or
the U.S. Environmental Protection Agency.

- a. Generator's Information: _____
- b. Manifest Tracking No.: _____
- c. Accumulation Start Date: _____
- d. EPA ID No.: _____
- e. EPA Waste No.: _____
- f. Total Weight: _____

g. Container No.: _____
HANDLE WITH CARE!

In addition, these containers must be marked with a PCB M_I marker.

- C. Such marking must be durable, in English and printed on or affixed to the surface of the package or on a label, tag or sign; displayed on a background of sharply contrasting color; un-obscured by labels or attachments and located away from any other marking (such as advertising) that could substantially reduce its effectiveness.

3.13 ON-SITE WASTE MANAGEMENT AND DISPOSAL OF SOLID HAZARDOUS WASTES

- A. All solid waste material, containment system components, used personnel protective equipment, and other solid wastes generated during the work, shall be placed directly in appropriate waste receptacles immediately upon removal from its in-situ position. Suitable waste receptacles may consist of roll-off containers or DOT-approved 55-gallon barrels.
- B. The Contractor shall be responsible for all packaging, labeling, transport, and disposal and record-keeping associated with PCB or PCB contaminated waste in accordance with all federal, state and local regulations.
- C. The Contractor shall ensure that the person transporting the waste holds a valid permit issued in accordance with appropriate federal, state, and local regulations.
- D. The Contractor shall provide to the transporter at the time of transfer appropriate shipping records or uniform waste manifests as required by the federal, state and local regulations with a copy to the Owner and Owner's Authorized Representative.
- E. Contractor shall maintain proper follow up procedures to assure that waste materials have been received by the designated waste site in a timely manner and in accordance with all federal, state and local regulations.
- F. The Contractor shall assure that disposal of polychlorinated biphenyls (PCB) containing waste material is at a facility approved to accept such waste and shall provide a tracking/manifest form signed by the landfill's authorized representative.
- G. If roll-off containers are to be utilized for containerization of the abatement wastes the following shall apply:
1. All roll-off containers or other similar vessels utilized shall be watertight and lined with 6-mil polyethylene sheeting or equivalent impermeable lining, and equipped with a secured and impermeable cover.
 2. The impermeable cover shall remain securely in place at all times when material is not being actively placed in the vessels. The Contractor shall be responsible for ensuring that the cover remains securely intact until the container is removed from the site.
- H. If 55-Gallon barrels are to be utilized for waste containerization, the barrels shall consist of suitable DOT-approved 55-gallon barrels that are watertight and free of corrosion, perforations, punctures, or other damage. All barrels shall be securely covered and sealed

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

at the conclusion of each work day.

- I. The waste containers shall remain staged at the site with a secure impermeable cover in place until the materials are transported from the site to be delivered to the designated disposal facility.
- J. A waste roll-off and barrel staging area shall be designated prior to initiation of the abatement work, and approved by the Owner's Authorized Representative. If this area is located outside of the building, the area (or areas) shall be surrounded by a chain-link fence with a minimum height of six feet. The fence shall be labeled with a PCB M_L marker.
- K. Properly containerized waste must be transported by a licensed hauler and shipped as PCB Bulk Product Waste for disposal at a permitted soil waste facility in accordance with 761.62(b).
- L. Bulk PCB Remediation Waste must be transported by a licensed hauler and shipped as PCB Remediation for disposal in accordance with 40 CFR 761.61(b) at a facility permitted by the EPA at a hazardous waste landfill permitted by EPA under section 3004 of RCRA, or by a State authorized under section 3006 of RCRA or a chemical waste landfill approved under 40 CFR 761.75 which is an EPA, TSCA approved facility for PCB Remediation Waste. Provide required copies of the uniform waste manifests for hazardous wastes to the Owner, waste generation State and waste destination State as required.
- M. Properly containerized waste must be transported by a licensed hauler and shipped as Bulk PCB Remediation Waste ≤ 50 ppm for disposal at either a facility permitted by a State to manage non-municipal hazardous waste, a EPA permitted hazardous waste landfill, or a PCB disposal facility. Provide required copies of the uniform waste manifests for PCB Remediation Waste < 50 ppm to the Owner, waste generation State and waste destination State as required.
- N. Any PCB Liquid Water Waste shall be properly containerized and decontaminated in accordance with 40 CFR Part §761.79 (b)(1) or disposed of in accordance with 40 CFR Part §761.60 (a).
- O. Any chemicals, solvents or other products used during decontamination shall be properly containerized as PCB Liquid Waste. Waste must be properly decontaminated or disposed in accordance with 40 CFR Part §761.60 (a) or 40 CFR Part §761.79 (g). PCB Liquid Waste shall be transported by a licensed hauler and shipped for treatment or disposal. Provide required copies of the uniform waste manifests for hazardous wastes to the Owner, waste generation State and waste destination State as required.
- P. All contaminated waste shall be carefully loaded on trucks or other appropriate vehicles for transport. Before and during transport, care shall be exercised to insure that no unauthorized persons have access to the material.
- Q. Transporters of the waste are prohibited from "back hauling" any freight after the disposition of the Owner's waste stream until decontamination of the vehicle and/or trailer is assured.

CENTRAL HIGH SCHOOL
POLYCHLORINATED BIPHENYL REMEDIATION

END OF SECTION

1 Introduction

This plan has been prepared by Fuss & O'Neill EnviroScience, LLC (EnviroScience) on behalf of the City of Bridgeport, Robert Hedman, School Construction Department, City of Bridgeport, City Hall, 999 Broad Street, Bridgeport, CT 06604, (203) 576-7217, robert.hedman@bridgeportct.gov and Silver Petrucelli & Associates Architects. The plan has been prepared to comply with the U.S. Environmental Protection Agency (USEPA) requirements for a Self-Implementing On-Site Clean-Up and Disposal Plan (SIP) in accordance with 40 CFR Part 761.61(a)(3).

Exterior expansion caulking compounds associated with the brick veneer and exterior concrete column/rooftop coping stone caulking compounds associated with structural concrete columns and rooftop coping stone overhangs throughout the existing building have been determined to contain polychlorinated biphenyls (PCBs) above regulated concentrations at Central High School, One Lincoln Boulevard, Bridgeport, Connecticut.

1.1 Background

1.1.1 Building Construction

The existing Central High School was constructed in 1963 and consists of a two story building. The building consists of classrooms, a cafeteria, kitchen, gymnasium, auditorium, and support spaces. The building is constructed of structural concrete walls, floors, and ceilings. The exterior of the building is a mixture of brick veneer and structural concrete.

A Site Plan of the existing building layout is included as *Figure 1-1* through *Figure 1-11*.

1.1.2 Renovation Project

The existing Central High School is scheduled for a complete renovation in 2014 and 2015.

Based on the scope of renovations, the following materials are scheduled to be removed and disposed of as PCB Bulk Product:

- Approximately 160 linear feet exterior expansion Caulking compounds – grey colored

Based on the scope of renovations, the following material is scheduled to be removed and disposed of as PCB Bulk Product and the contaminated structural concrete encapsulated:

- Approximately 18,000 linear feet of exterior concrete column/rooftop coping stone caulking compounds – white colored

Based on the scope of renovations, the following material is scheduled to be removed and disposed of as PCB Remediation Waste and the contaminated structural concrete encapsulated:

- Approximately 700 cubic yards of contaminated soils and/or concrete